

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

PARK'S FLORAL MAGAZINE

AUG 27 1923

Vol LVIII. No. 1.
Established 1871.

January, 1922.

10 cents a year
3 years for 25 cts



MIXED GLOXINIAS

Grand Clean-up Bulb Offers

Great Big Bargains: Snap Them Up Now

We still have a few bulbs left and as long as they last will give our friends the greatest bargains they have ever had. **Tulips and Mixed Narcissus** can be set outdoors no matter what the condition of weather may be. **Polyanthus Narcissus and Hyacinths** now used for Pot Culture in house for EASTER BLOOMING. All the bulbs are in fine condition and will be carefully packed.

100 Mixed Tulips, all colors,	\$1.00 Postpaid	150 Mixed Bulbs, our selection	\$1.00 by Exp.
50 Mixed Narcissus	\$1.00 Postpaid	350 Mixed Bulbs, our selection	\$2.00 by Exp.
50 Mixed Hyacinths	\$1.00 Postpaid		

On the last two lots, receiver pays the express charges. A year's subscription to Parks Floral Magazine is included as part of every order. We shall substitute bulbs in case any of these bulbs are sold out, unless you write in your order not to do so.

Address. Parks Floral Magazine, Lapark, Pa.

PARK'S FLORAL MAGAZINE

A MONTHLY DEVOTED TO FLOWERS

LAPARK SEED AND PLANT COMPANY, Inc., Publishers

LAPARK, - PENN'A.

Entered at Lapark, Pa. P. O. as 2nd-class Mail-Matter.

Single Copy 5c. M. M. Bernh, Director of Circulation

BETWEEN OURSELVES

The New Year breaks in upon us: a year full of splendid promise as one of a series in which understandings between peoples will be more clear. The Disarmament Conference has resulted in great good even in the first few weeks of its convocation.

Great happiness is felt throughout the world that calm and betterment have arrived in the political adjustments being perfected in the British Empire. A general content has come among us all that the establishment of an Irish Free State meets the wishes of the Irish and of the English and of all of the rest of the world. It pays to confer. There is reason in conference. We are getting away from the idea that we must shed blood to establish righteousness. And yet we all know that we had to fight the great fight that is now known as the World-War—but out of that war has come a will for peace. It is wonderful to look forward with high belief that the differences of the future will find their solution in reasoning conference.

A Happy New Year to all Readers of Park's Floral Magazine. Editor.

"LINKING THE OLD YEAR WITH THE NEW"

By Present Month Plantings

The Holland bulbs come across the seas in September. From the moment they land until well along in Winter they are tucked into the earth on this side of the water to prosper and bloom.

The readers of the Floral Magazine for many years have been Bulb Planters. Many of the readers have been consistent late planters. They have had such consistent success with late planting that, like many of the florists, they have held off their planting until the remnants of the crop were offered, and, then they have secured their bulbs and planted them with a right good will.

I suppose that the influence of this little paper has been greater than any other single influence in developing a spirit of bulb planting on a wider scale in America. For fifty years each season it has told to new hundreds of thousands how the Holland Bulbs keep their substance in splendid shape for late season planting. Many are sceptic as to the results that will follow late planting, but thousands are now experienced in late planting and annually, and with confidence, set out the bulbs to perform their miracle of affording the earth gay and delightful flowers at the

time of the year when flowers are most welcome.

So do not feel that it is too late. The Fall has been a remarkably open season throughout the East and the ground is hardly frozen. But even if it were, with crowbar and pick axe, the bulbs would go in the ground and late planting would be done no matter what the difficulty.

Remember, if the ground is frozen and there is no soil about, just place the bulbs on the frozen earth, and cover them with well rotted manure and they will render good account of themselves. If, on the other hand, you can procure soil from some sheltered place, put that soil about them and then cover the area planted with manure. Or, if you feel strong for the task, with pick and crowbar open up places into which to drop the bulbs, four or five inches deep, and cover with some soil that can be had from a sheltered position. There will be bloom aplenty to reward your efforts. Editor.

THE NEW SEED CROP FOR THE NEW YEAR

The Seeds for the New Year will be of splendid germination strength. Reports indicate good, sound, curing conditions for seeds in general, and from abroad seeds will come to America from sources of supply that for years have been closed. We can pick up the new catalogues of 1922 with a sense of satisfaction. Catalogue-reading time is a great time, anyway, for everyone with a garden mind. They are eternally new and full of promise. It is almost like the joy of Christmas time to contemplate the coming of the Seed, and Flower, and Plant Catalogue.

Now is the time to begin to plan for the window boxes, and the hot-bed, and the cold-frames. Soon the wonderful seed-bag filling machines all over the country will be busy, for it seems to be the intention of people to plant larger garden patches this year than they did last year; the passion for garden making is full upon the people. We will not plant this year any War Gardens, but we will plant with enthusiasm our Peace Gardens.

Have you planned a bigger and better garden for 1922? Editor.

TWO NEW DEPARTMENTS

"The Pine Tree Nature Club," by The Bird Woman.

In this number of the Magazine our friends will find a new Department, The Pine Tree Nature Club, which is to be conducted by the Bird Woman, for our young

folks. The Pine Tree Nature Club, is an idea we have had in mind for a long time, in fact for many years, and we hope it will appeal to our young people and develop to be one of the very strong features of Park's Floral Magazine. The Magazine should at all times be interesting as well as instructive, and I am sure the Bird Woman will very quickly inaugurate herself with every reader of the Magazine, because, while primarily intended for the young folks, we are all young when it comes to reading anything that has to do with flowers, trees and birds. The Bird Woman is an experienced writer, whose contributions are eagerly sought by publishers everywhere, and we are very fortunate in being able to enlist her efforts in inaugurating and carrying on such a Department in our Magazine.

HILL AND HOLLOW PAPERS

By Florence Boyce Davis.

We have also arranged for a series of articles by Florence Boyce Davis, under the heading, Hill and Hollow Papers. These will include little sketches of people and surroundings which make country life interesting, and the papers will be of especial value to flower lovers, as they will give practical information on the care and cultivation of flowers, both indoors and out, suggesting combinations that are best, and ways to use shrubs and perennials on the

home grounds that will make "our town" a beauty spot, not only for the pleasure of its residents, but to spread the gospel of growing things by pleasing the eye of travelers among our hills and hollows. We hope you will all enjoy these papers, and, if you do, we hope you will tell us so. A good word is a fine stimulus to help any work along. Let us begin the New Year by saying all the good words possible in every walk of life.

SING ON, BLITHE BIRD!

I've plucked the berry from the bush, the brown nut from the tree,
But heart of happy little bird ne'er broken was by me.
I saw them in their curious nests, close couching slyly peer,
With their wild eyes, like glittering beads, to note if harm were near;
I passed them by, and blessed them all, I felt that it was good
To leave unmoved the creatures small, whose home was in the wood.
And here, even now, above my head, a lusty rogue doth sing,
He pecks his swelling breast and neck and trims his little wing.
He will not fly, he knows full well, while chirping on that spray,
I would not harm him for a world, or interrupt his lay.
Sing on, sing on, blithe bird! and fill my heart with summer gladness,
It has been aching many a day with measures full of sadness!

By William Motherwell.

"We Can't Keep House Without Sloan's

"WE always keep Sloan's Liniment at our house right where we can lay our hands on it. Out on the farm as we are, where it isn't always handy to call the doctor at a moment's notice, we find the quick, comforting warmth and relief from pain that Sloan's always gives, a mighty fine thing.

"We have used it for every sort of external ache or pain, for grandfather's rheumatism and mother's sciatica. I often have neuralgia and Sloan's is certainly good for soothing that sort of pain.

"Then there are the sprains and strains, sore muscles and lame backs that come from hard work, which are quickly put in order by slapping on a little Sloan's. As a matter of fact we wouldn't be able to keep house without it."

Keep it handy

It is sold by
dealers you know
and can trust.

35c
70c
\$1.40

Sloan's
The World's
Liniment (Pain's enemy)

LAPARK Seed Book AND Floral Guide

For 1922.

256 Pages, Beautifully Illustrated Cover In
Natural Colors. 8 Full Pages of Vegetables and Flowers in Glorious Colors.

Write for Your Copy To-day.

Our Catalogue for 1922 is the largest, most complete and perfect ever issued by any Seed House in America; it is more than a mere Catalogue; it is a biogeography of Floral and Vegetable life, and fully explains the origin and cultivation of almost every subject listed, and while it describes all the standard old, and desirable new Vegetables and Flowers, Plants and Shrubs, most of which are illustrated by photos from life, it also contains full information covering the many new and recent introductions of American and European growers.

Our Seed Book for this year is one that every grower of Seeds, Plants, Bulbs, or Shrubs will want to have, and keep for years to come, as a guide and reference book.

Our basic price is still 5 cents per packet. Ounces, pounds and fractions in comparison.

It is our aim at Lapark to deliver, post-paid, the highest quality seed, and choicest healthy mail-order size plants in America, at prices that are fair to our customers and generally lower than obtainable from any other seed and plant grower.

Every reader of Parks Floral Magazine, and every customer of the Lapark Seed and Plant Company, who has purchased from us, during the years 1920 and 1921, Seeds, Plants, or Bulbs, to the value of 25 cents or more, is on our mailing list and will receive a copy of our 1922 Seed Book and Floral Guide without writing for it.

If you have not been a customer during the past two years, write us asking for a copy of the Catalogue and it will be mailed to you free as soon as ready. For ten cents in stamps or coin we will mail extra copies to you or your friends, and include a year's subscription to Parks Floral Magazine, the only publication of its kind in America.

Our regular customers in the South will be mailed their Catalogues first, and Northern state customers in turn. We begin mailing toward the end of January.

Do not fail to send in your name now, our supply of this valuable edition is limited. The famous Lapark printing presses are being pushed to the limit to supply the big demand for this extraordinary edition.

LAPARK SEED AND PLANT CO.
Lapark, Lancaster County, Pa.

THE BULB MITE

The inspection of over a million bulbs by Federal Inspectors has clearly shown that nearly all foreign shipments of bulbs contain the bulb mite [*Rhizoglyphus hyacinthi* (Banks)]. As a natural consequence our home grown bulbs contain them to a greater or less extent, owing to the fact that there have been no practical control measures worked out till of late. Hyacinths, crocus, tulips, Narcissus, Easter Lilies and Gladioli are infested with the bulb mite, and it is probably capable of subsisting on almost any tuber or bulb. Tulips are least injured, probably owing to their outer skin and tight fitting scales, which leave no place for the mites to enter, while it is a common occurrence on Lilies and Narcissus. Their loose scales offering very little resistance. Hyacinths seem to be less easy to penetrate than Narcissus.

The injury of the mite may be easily attributed to other causes by anyone not familiar with its work, but if a soft, or well-rotted bulb were to be carefully examined you would no doubt find the interior to contain from a few to hundreds of minute, right-legged mites, hardly visible to the naked eye, but plainly seen under a hand lens.

By carefully following a few simple practices a person can eliminate, or at least cut down his loss to practically nothing:

1st. Store bulbs at a temperature below 50 degrees F (35-40), to prevent the mites from multiplying.

2nd. The selection of bulbs to be planted, discarding all soft, or rotten bulbs.

3rd. Heat Nicotine sulphate diluted 1 to 400 (such as Black leaf 40) to 122 degrees F., and immerse the bulbs in the solution for 10 minutes. Plain water heated to the same temperature (122 F.,) will also kill a high percentage. Bulbs with new or freshly started roots may be injured somewhat, but no injury need be feared with dormant bulbs.

The fact that morphological studies show that the mite, which is not a true insect, has no tracheal or breathing system, explains the reason, theoretically as well as in practice, why the mites cannot be killed by ordinary fumigants as other insects are.

F. L. Holdridge, Pennsylvania

THE OLD AND THE NEW

A stillness now is in the air
And many hearts are feeling fair.
But some a sadness seem to show,
They dread to see the Old Year go.
To some the past has been a joy,
But others found much to annoy.
Lo! How terrific now the noise
And loud the horns and shouts of boys;
While bells and whistles make us hear
Their welcome to the glad New Year.
But soon a calm rests o'er the main;
Then we to sleep, to wake again
And show appreciation of
The New Year and the friends we love
Albert E. Vassar, Missouri.

PARK'S FLORAL MAGAZINE

LaPark, Pennsylvania.

A BIT OF GLADIOLUS HISTORY

THERE is no flower that covers so wide a range of color, and shows such wonderful and beautiful color combinations as the Gladiolus. Other good qualities, too, combine to make this flower one of the most satisfactory Summer flowers that can be grown. Even before our grandmother's time the Gladiolus held a prominent place

in the flower garden, and its popularity is on the increase. The reason for this popularity is not far to seek, for the Gladiolus has many good qualities, and few poor ones.

Most of these good qualities have been added or, at least, developed by cultivation, and it may be of interest to go back a bit in point of time and see where this flower came from, and how it has been developed from its wild ancestors, and what it was like when it first came to this country, for the Gladiolus is not a native of America.

Gladioli are to be found growing wild in parts of Europe and Asia, but by far the largest number of species is to be found in Africa, and those in which we are particularly interested came, for the most part, from South Africa. Some of the wild ancestors of the garden Gladiolus were discovered in mountainous districts, on scantily covered ledges; others in low lands; some grew in the vicer that new forms and colors appear.

Very little interest in this kind of work, the production of new varieties by cross-fertilization, was shown by the florists of England and France for a number of years after the intro-

city of waterfalls, in boggy soil that was always saturated with the spray of falling water; but whatever the conditions under which they grew many of them took kindly to their new surroundings when they were transferred to England, or to France and cultivated.

It is perhaps needless to say that the process of development has been a long one, from the small-flowered, short-spiked, often dingy-colored, wild species, to the beauties of the present day, with their long spikes of brilliantly colored flowers.

Simple cultivation has not brought about these changes in form and color. Bulbs, (properly called corms), of these wild species will continue to reproduce their kind. Probably the flowers will be a little larger than in the wild state, but the color and the form remain the same. It is only after planting seeds which have been produced by the transfer of pollen from one variety to another



GLADIOLI—THE MOST POPULAR EVER-BLOOMING BULBS

(Concluded on page 16)

PLANTS OF THE DEVIL.

A curious belief is that which puts so many of our beautiful and interesting flowers under the special care of the Devil; yet such is the fact, for we have only to consult the abundant literature that has been written on the subject to set our minds at ease. The plants supposed to be under the special protection of His Satanic Majesty are many, and the literature on the subject is interesting to read, if for no other purpose than that of informing ourselves to what extent people were, and are still, the slaves of superstition.

In Bohemia we are told that the Belladonna is a favorite plant of the Devil, who watches over it with jealous care, but he may, however, be drawn away from it on a certain night of the year, by letting loose a black hen, after which he will immediately run. There is no doubt that the majority of the readers are perfectly familiar with the Tritoma, or, as it is often called, the Red-Hot Poker plant, but there may not be many who are aware of the fact that, in some parts of England, it goes by the name of Devil's Poker. It would no doubt be an extremely difficult task to account for many of these apparently capricious names, but there is a possibility that they owe their existence to some legend or story connected with them, however foolish that story may be. Take, for example, the common name of Devil's Bit as applied to that favorite flower of our gardens, which we know by the name of Scabiosa. In some parts of England, in days that are past, it used to be called "Forebitten More," or "Bitten-off Root," and to account for this strange appearance of the root, it was asserted that it had been bitten off by someone, and who could have performed such a feat underground but the Devil himself—hence the name of Devil's Bit.

The connection of the Devil with flowers and plants is seen in other ways than those already mentioned, for, he is supposed to exert his evil influence even upon the fruits that we use. There is an old saying that at Michaelmas the Devil puts his foot on the Blackberries, and superstitious people will not gather berries after that day, firmly believing them to have

become poisonous, or rendered at least unwholesome. In other localities the belief is that late in the Autumn the Devil throws his club over the Blackberries, consequently rendering them unfit to be consumed. There are even those who claim to have caught his Satanic Majesty in the act, and to have heard the club as it came thundering over the thick- et, and finally land among the brambles. Still, in other localities, the 10th of October is fixed as the limit of Blackberrying, for they say that on that day the Devil goes around the country spitting on all the bramble-bushes.

There are those of us who look upon the drinking of intoxicating liquors as associated with evil, but possibly there are not many of us who have heard the name of Devil's-chain applied to this degrading habit, or to have heard the old proverb, "There is a devil in every berry of the Grape." This proverb, although in use in some parts of England, is said to have had its origin in Turkey.

The puff-balls that are so plentiful about the time the Mushrooms are in season are called Devil's Snuff-box, while the name Toad-stool is applied to all suspicious mushrooms. The name Toadstool seems to be applied to any unwholesome fungi, and the supposition is, that they are so-called from the belief that toads sit on them.

There are many trees that have become in one way or another associated with the Devil. For instance, there are in Germany many Oaks that are

under his special protection. Many trees with which the name of Judas is associated are regarded with awe on account of their supposed connection with the Devil. Thus, in Bohemia the Willow is said to be the tree on which Judas hanged himself, while in other countries it is the Cereis, or Judas Tree, that is under suspicion. Such, also, are the Carob, the Fig, and the Aspen. It is a popular belief in Russia that the leaves of the latter tree owe their constant agitation to the fact that Judas hanged himself on one of these trees. There is a curious belief in Syria that if one will stand on Bertha's night, January 6th, in a magic circle which he has traced on the ground, holding in his hand some Elderberries gathered on St. John's night, he may obtain the magic Fern-seed, which will come wrapped in a chalice cloth, and confers on the possessor the strength

(Concluded on page 25)



*ARUM SANCTUM: ONE OF THE ARUM FAMILY

*NOTE: We are unable to show a cut of Arum Maculatum, the one mentioned as "Lords and Ladies," but are showing a photograph of Arum Sanctum, which is one of the same family and quite similar in characteristics and appearance.—ED.

PLANTS FOR THE HOUSE

Begonias are among our most popular house plants, and, when well cared for, are beautiful. They are very satisfactory for the window, their foliage being handsome, and their



BEGONIA RUBRA

abundant, lovely, wax-like flowers of beautiful, soft, delicate colors. The Rex varieties are grown especially for their foliage; the leaves are richly colored and of almost tropical luxuriance. A well-grown specimen is a beautiful, decorative plant. Louise Classen has dull, red leaves beneath, almost black on the outside, variegated with pink blotches, the whole having a decided metallic lustre; Bertha McGregor pointed leaves, silver outlined with bronze; Robert George, large, pointed leaves, colors light and dark green; Countess Louise Erdoedy, handsome with its peculiarly twisted leaves. There are also many other desirable sorts.

Then there are many other Begonias, not of the Rex varieties, that are lovely, and some just as handsome, the flowers ranging from white to dark red. Rubra and Vernon are seldom without blossoms. Gigantea Rosea, Weltoniensis, Rosea, and Coral can generally be depended upon for flowers. Metalica, Mme. de Lesseps, Pres. Carnot, Speculata and Thurstoni are almost as beautiful as the Rex varieties. These may all bloom, and still, may not.

Begonias do not like the dry air of our living-rooms, they enjoy a warm, moist atmosphere. Nor do they like dust. So use the sprinkler often, being

careful not to let the sun's ray's fall on the leaves while they are wet.

I have found also, the Sansevieria Zeylonica is a lovely decorative plant, especially adapted to living-rooms and halls, as it stands dust and drought very well. The leaves are beautifully striped crosswise, with broad white



BEGONIA LOUISE ERDOEDY

variegations on a green ground. It is a rare and beautiful plant and should be more generally grown.

Ferns cannot be excelled for home decoration. I have fourteen varieties. The Big Four is very fine, while the Roosevelt holds a place all its own. Baby's Breath (*Nephrolepis Goodii*) is so fluffy and dainty that I think it well-named. The Crested Fern, Philadelphia Lace, Sword, Boston, Ostrich Plume, the Wannamaker, the Newport, Fluffy Ruffles, are all fine when grown to a large sized plant. And we must not forget *Asparagus Sprengeri*, and *Plumosus*, of which I have a large plant several years old and as big around as a keg—a plant of great beauty.

Maude V. Greenland, Maryland.

In Albion, California, the French Hydrangea grows blue without any soil treatment.



BEGONIA METALICA

Winter Gardening In Southern California

If one will be forehanded, and get his flowers started by the last of August, he can have a beautiful display of flowers all Winter. I put in the seed boxes Stocks, Marigold, Blue Corn flower, Snapdragons, Pansies and a Daisy seed that was sent me and was said to be Winter-blooming. These come in colors very good for cut-flowers. In the the flower taking the place of the sweetly fragrant. This bush mass of minute flowers is very the Chinese Sacred Lilies, begin-blooming throughout the Winter. blooming in November. And ear-when only six inches high, and by a mass of pink and white blossoms.

Of the shrubbery, the Lauris-Night-blooming Jassamine begins drously fragrant. There is no has so penetrating a fragrance. the shady parts of the grounds and the Stellata is a long, continuous four months before fading; the col-ender with white eye and through

Though the Hybrids give us lar-long.

They come in wonderful colors, too, the daintiest pink being one of the most attractive. Mine have lived all through the year and will be early in bloom this Fall, the seedlings being rather slower than the old plants. Then we have the Columbines that bloom all the year, one especially, a long spurred yellow. The beds of Petunias never know that Winter has come, as they bloom steadily all the year. Marigolds and Calendulas we have

with us always, and the Calla Lily begins its season about Christmas, and will bloom until June, when it takes a rest and dies down. My roses are always at their best during the Winter months and what rainfall we have is greatly relished by them.

Along in January the Jonquil beds are a mass of yellow, the Easter Lilies are beginning to start and if protected, will be in to bloom in March and April. The Geraniums in the border are bright and enjoy the Winter rains. In many yards it is all the water they get the year round and they do appreciate it when it comes their way. The lovely Pelargoniums, too, send forth their blooms in Winter. The Lemon and Orange trees are laden with their waxy, sweet-scented blossoms, and the ripening fruit also hangs on the same limb. Smilax is in bloom all Winter, the

flowers spicy with perfume; trained on strings they are cut in long festoons for decorative purposes, the strings being of green twine and not distinguishable from the stems.

The Buddleia has two blooming seasons, one in May and again in August, and all through the Winter you will find a few late blossoms. But our loveliest blooms are the Acacias; in the park their sweet-scented blossoms are noted. There are many varieties; some with long, pendulous spikes of bloom that look as though all the leaves have turned to blossoms. In late Winter, the Ericas give us a mass of lovely blossoms. Especially fine is the Erica Mediterranea, with its rosy pink blooms. There are many other varieties of shrubs here that are Winter-bloomers and keep our gardens attractive.

In the lath-houses and glass-houses the Begonias are a continuation of blooms, the Haageana and Duchatari being best Winter-bloomers. I think one of the most continuous bloomers I have is the Viada. The Wortemburg is also a continuous bloomer throughout the year. Another of my favorites is Digswellianna, the leaves are holly-like with bi-color flowers. The Odorata Rosea has lovely, big clusters of pink flowers, and the glossy, green leaves add to its attractiveness. Compta, with its long, slender, striped



CINERARIA



FUCHSIA



BUDDLEIA MAGNIFICA



CALLA LILY



VARIEGATED ABUTILON

leaves is indeed lovely and its mate Zebrina is also fine. Then there is Alba Perfecta Grandi. flora, with its pure white clusters of dainty flowers, and another with cream colored flowers.



DOUBLE GERANIUM

Jessie has climbed to the top of the lath-house, which is eight feet high, and all Winter is a mass of pink blossoms that almost hide the beautiful bronzy green leaves. On this plant I have noticed a peculiarity, little sprouts will sometimes form like a new plant beginning to sprout, but I have never tried starting the leaves. Luxuriant has a miniature grape leaf, with under side red. Sachin is one of the prettiest of the low growing sorts, its leaves deep red, and is very floriferous, leaves and flowers highly colored, giving the little plant a very festive appearance.

Smithii makes a good hanging basket plant, and is of the low-growing variety, as are also Bunchii and the Fichu Ricinafolia. The latter has very hairy stems and leaves. Vershifelti is a little difficult to grow sat-

isfactorily in pots. In the ground where well protected it will make a stalk like a tree, and is one of the Begonias that does not look like a Begonia until it blooms. The bloom stalk is similar to the Ricinafolia. Ulm is another odd-leaved sort, crinkly grass green leaves, flowers white and in bunches. Niger has varicolored leaves, with dark brown spots.

But for Winter-blooming, the Malacoides are banner bloomers, and such fragrant! I have them in bloom six months in the year. Ruellia formosa, with its striped leaves and scarlet flowers, is attractive through the Winter. But my Eucharis Amazonica refuses to bloom. I have tried it in both glass-house and under lath. The Abutilons and Fuchsias grow outside under a palm shade; the long branches four and five feet in length, the single varieties growing taller than the double, though I have a large



STOCKS

isfactorily in pots. In the ground where well protected it will make a stalk like a tree, and is one of the Begonias that does not look like a Begonia until it blooms. The bloom stalk is similar to the Ricinafolia. Ulm is another odd-leaved sort, crinkly grass green leaves, flowers white and in bunches. Niger has varicolored leaves, with dark brown spots.

"Lita," California.

ACHIMENES.

I wonder why there are not more Achimenes raised? They make such an ideal houseplant, are so easy to grow, and so sure to bloom. They are small, scaly bulbs, the shape of an evergreen cone, and very easily broken.

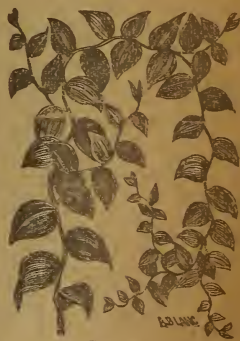
Start in pots in February or March, using a sandy loam, a light, open mixture of leaf-mold and



SWEET PEAS

sand. I use sandy loam from where an old barn used to stand, and mine simply grow wild.

Achimenes start to bloom in June, and continue until October. Then I cut the tops off and set them in a frost-proof room, or in a dry cellar. Do not water the bulbs while they are resting, or they will be sure to rot. When you take the bulbs out in February you will find that they have multiplied far beyond your expectations. Plant one or two in a six inch pot and set it where it is warm. It does not take them long to peep through the soil, and they will soon cheer you with their gay blossoms.



SMILAX

Mrs. Norman Stoner.
Indiana.



NEW WINTER-FLOWERING PANSY
SNOWSTORM

NOTE: Up to three years ago Achimenes bulbs were brought from Europe in great quantities. Then the Government prohibited their importation and the growers of America have not yet been able to produce them in any considerable numbers. It is for this same reason that Pæonies are so exceedingly scarce.—EDITOR.

PLANTS AND SUCCESS

Indoor fruit-bearing plants are desirable. The American Wonder Lemon, the Otaheite Orange, and Jerusalem Cherry are satisfactory. These plants require considerable space and care; they must have sunlight, a warm temperature, daily moisture and special fertilization. Bone dust, tobacco ashes, poultry manure, commercial fertilizer and lime are beneficial. These should be worked into the soil, separately, at intervals, and in small quantities.

Thus the scientific culture of plants is a matter of proper environment in regard to light, temperature, ventilation and humidity, and in the placing of available, necessary food elements within reach of their roots. In regard to this we should learn the natural conditions under which the plants we cultivate have lived, the kind of soil in which they grow, and the temperature and rainfall of their native place of growth. Thus we can provide their requirements and have beautiful flowers, fruits and plants.

W. E. Umholtz,
Ohio.

**LOVELY
OLEANDER**

There is nothing prettier on the lawn, or veranda, than a blooming Oleander. There are three colors—red, white and pink, and they are both double and single and very fragrant. In the South they are hardy, but in the North they are generally wintered in the living-room, or a dry cellar. They bloom twice a year and remain in bloom four or five months each time. They begin putting on buds in the house in February and bloom until the middle of July. Then they put on another crop of blooms in the Fall and remain in bloom until Christmas. The plants require rich soil and an abundance of water. Oleanders are propagated by cuttings. Take a cutting about six inches long and insert it in wet sand, or a bottle of water, set in the sun, and in six weeks it will be well-rooted. Then carefully pot it, or, if in April or May, set it in a rich bed in the yard and keep it watered, and by Fall it will be covered with blooms. Cuttings can be rooted at any time during the Summer and they will bloom the next Spring. The Oleander grows very large if not cut back. I have one now, in a tub, four feet high, but I do not like them as large as that; so I generally pot them in a smaller vessel and carefully prune them and keep them in the shape of a small tree. The blooms are on the tips of the limbs, so when they are in full bloom they are the most beautiful flower I have ever seen, and

are the admiration of every one who sees them.
Mrs. S. E. Bandy, Arkansas.

**FROZEN AMARYLLIS STILL
LIVES**

While my mother was away on a visit last Winter, her bulbs were frozen. The Giant Hovey Amaryllis was frozen so badly that all the rest of the family said, "throw it away." Instead, she carefully scraped off the soft part, and when she was finished there was very little bulb left, just the center. This was put in dry, soft, coal ashes.

In the Spring she saw a little indication of its starting to grow, took it out of the ashes and found a root about an inch long. This was then planted in a pot of good earth, and as soon as it was warm enough the pot was set

down in the garden where it was in full sunshine. It made rapid growth, and the roots cracked the pot lengthwise and around the bottom. When I last saw this Amaryllis, it had a big, fat bud, just out of the bulb.

Mrs. C. A. Salfisberg
Illinois.



AMERICAN WONDER LEMON

thorns, as large as any found on a rose-bush. When in bloom it is a beauty, the tiny white flowers literally covering the dark, green foliage, which is much coarser than that of Asparagus Sprengeri. This is a fine vine, but little known and worthy a more extensive cultivation. It is hardy outside in Arizona and California. Frost kills the tops sometimes, but it comes up more robust each year. I do not see it advertised in any catalogues this year. I divided my plant last Fall with a neighbor and yet have a fine clump of roots.

Mrs. Bly, Arizona.

A CHARMING DRIVEWAY

I had Snapdragons of many colors last year along the auto drive, followed by Pinks, then Gladiolus in vacant spots. Also Sweet Sultan, with its very sweet perfume. The drive was beautiful, and I am enthusiastically planning for more this year.

Mrs. E. E. Cranmer, Indiana.

BROODING

"With downcast eyes we muse and brood."—Tennyson.

Lord, grant us respite from these dreams
That torture us alway,
That poison body, mind and soul—
The dreams we dream by day.
The dreams of sleep we laugh away
As phantasies of brain,
But the ones we dream with open eyes
Are fraught with poignant pain.

We dream of wrongs that we've endured,
Of friends who proved untrue.
Yet after all the dreaming's done
There's naught that we can do
To right the wrongs, or heal the wounds,
Or reinstate false friends.
What's done IS done—the dream begins
And faith forever ends.

Mrs. Jessie Crist Kelsey, Florida.

THE BEST WINTER-BLOOMING PLANT

Among desirable flowering plants for our room windows, none surpasses the Cyclamen

for Midwinter blooming. Good plants often flower continuously for at least 3 months, and they also have very attractive foliage. The Cyclamen demands a little less sunlight than most Winter-blooming plants, though it is well to give them a sunny window if possible, especially during the shortest days. As the days lengthen, an east or west window will suit them.

Cyclamen is easily raised from seed which may be sown from early Spring until July

or August. The seed started early will, with careful treatment, make small flowering plants by December or January, but that sown during Summer will not bloom until the second Winter. Plants from fifteen to eighteen months old give better returns than older plants, yet some amateurs keep their Cyclamen in perfect health for several years.

Rest somewhat after flowering, gradually

withholding water. Then in early August re-pot them, shaking off the old soil where there are no roots and use a compost of old loam, leaf mold, a little very old cow manure, where procurable, and a sprinkling of sand. Stand them in a partly shaded place in the open and water regularly, bringing them indoors when the nights begin to get cool, but keeping them in a cool room. When buds are beginning to form, occasional small doses of liquid manure will be of benefit, continuing its use until the flowering season is over.

Elsie B. Stoner, Pennsylvania.

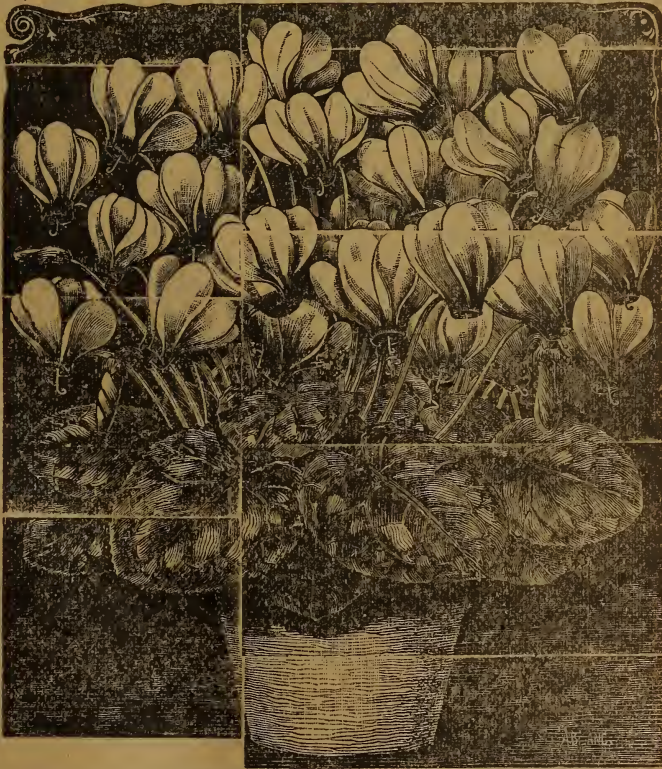
GROWING LAVENDER IN THE HOME

Many persons desire to grow Lavender in the home for use in placing among clothing to keep moths away. Soak the lavender seed for a day or two in warm water before planting and the seeds will germinate more quickly. Sow seeds in a box of light, rich soil and keep box in a sunny window. Seeds should be covered a quarter of an inch deep with leaf-mold or soil that will not bake.

The seeds may be sown in late Winter or very early Spring and by the time the weather is fit

for transplanting to the open, the plants should be large enough. Set in rows eight or ten inches apart and do not disturb the flower spikes until Autumn, when they may be gathered and dried and used as above mentioned.

During the Winter months the plants should have a protection of coarse stable litter to insure their remaining alive for growth the second year, when the plants should make a fine showing and pro-



A WELL GROWN CYCLAMEN IN BLOOM

duce quite a crop of the desired flowers.

Lavender, Pennsylvania.

A TIP ABOUT PLANTING IRIS

The Iris is not hard to get to live if, when planting, you only barely cover the bulb part of the roots. If they are covered too deeply they rot very easily.

Merry Widow, Oklahoma.

HILL AND HOLLOW PAPERS

BY FLORENCE BOYCE DAVIS

Number One

NEW YEAR'S 1922

"Ring out the old, ring in the new,"

So sang the poet long ago;

"Ring out the false, ring in the true,"

"Ring, happy bells, across the snow."

Long since the sage has passed away,

But still his words are fine and new;

They are a creed of life to-day:

"Ring out the false, ring in the true."

Had Greece have carved them on her sword,

Had Rome have graved them on her crown,

No victor could the years accord

That would have torn their glory down.

Then let this word be yours and mine,

When Time's old sentry comes in view,

A nation saving countersign—

"Ring out the false, ring in the true."

YESTERDAY we were writing it 1921; today we have changed it to 1922. Old '21 went out last night at midnight, bearing the burden of all our griefs and complaints upon his back. Three-hundred and sixty-five days he was with us; I wonder how many of them passed without hearing some of us fretting over the order of things? Sometimes it was the weather he brought us—it was either too hot or too cold. There was the Summer drought, when springs dried up and the "men-folks" had to carry water. There was the big frost that spoiled the citrus fruit in the South; and the November sleet storm that demolished shade trees, held up traffic, and caused millions of dollars damage in New England. Yes, 1921 surely gave us weather enough of one kind or another.

Then there was the general depression and unrest, the balancing between war madness and jazz madness, the latter sort of a varioloid form of the former.

1921 also gave us strikes, and waves of crime, and a number of other unpleasant conditions, all of which tainted his reputation badly.

But somehow we lived through it all, and came out smiling. And here we are full of hope, full of joy, welcoming in another year and wishing one another a Happy New Year, and believing in our hearts that it is going to be a GOOD year! And it is, if we make it so.

There is no reason why we should not EXPECT good things of the new year, either. We survived the old one, bad as he was. Our gardens grew and flourished; we had a fine seed-time and a bountiful harvest; Nature forgot her dry surface and reached down deep into Mother Earth for sustenance; our bins are full, our cists are running over. The seed corn hangs drying against the clapboards of the porch.

The year opens with a general feeling that the world is going to be normal again. Back of all the madness and its resultant extravagance and moral decadence, stand great nations, strong and upright, and wonderful, and they are reaching their arms out over us all, and saying: "On earth peace, good will toward men."

Who was it said if he were to be isolated on a lonely island and allowed to take but one book with him, his choice would be a seed catalogue? Whoever it was, he is a man after my own heart. What is pleasanter on a cold Winter evening than to sit beside a cozy hearth, with a dish of apples at hand and an open seed catalogue before you? "It may be a last year's one, but no matter; all the old favorites are there, and will serve to refresh our

memories; we can make a blueprint of next Summer's garden, and then when the new catalogue arrives, we can revise it to our heart's content. There is always something new that we want to try out, either in the vegetable garden or that cheery bed of bright flowered annuals just outside the kitchen window. Personally, I like to plant new kinds of beans. Our village grocer, speaking of a certain trying customer of his, remarks: "The man doesn't know beans; that is to say, not a good quality of beans!"

Now it is worth while to know a good quality of beans. One satisfaction in raising them is the enthusiasm they show about growing. You hardly think the seed has had time to sprout when up they come! the crooked, green necks looking hale and hearty and ready for business. One year we tried growing beans and bean poles together. It might have worked all right if our beans had not grown faster than our poles! We read how to do it just put a sunflower seed in each hill with your beans, and there ended all responsibility so far as setting poles was concerned. It sounded well. We planted pole Cranberries, ("Turkey Beans" our East Hill neighbor calls them, because, she says "the first seed was found in a wild turkey's crop." Just where the turkey found it is not known), and we put one sunflower seed in each hill according to directions. In due time both beans and sunflowers came up, but the beans grew like Jack's of old, and the poor little sunflowers had their necks nearly twisted off before their spinal columns were stiff enough to support their clinging neighbors.

Moral: if you plant beans and bean poles in the same hill, let the poles get a good start before you put the beans in. Even then, the old-fashioned bean pole is preferable.

Folk who live their lives among hill and hollow become familiar with many kinds of nature, one of which is human nature. Perhaps we know more about one another than you, who live in the crowded centers because we have more time to spend with the individual. In the city it is the crowds that you look at and appraise; in the country it is our neighbor,—and we live near enough together and far enough apart to all be neighbors. Of course there are different degrees of neighborliness according to the distances between us, and our church and club associations, but we are all more or less like the Bentons and the Bruces, who have a path from one kitchen door to the other, and are not quite sure which family owns the wheelbarrow.

A New York City friend once wrote us: "There are twenty families in the apartment house in which my sister and I live. I have been away three months, and nineteen out of the twenty have not known that I was away or that Frankie was alone." Such a thing could never happen among the hills and hollows. We would all have known that one sister was away and that the other was naturally lonely, and we would have taken turns carrying in a little dish of one thing and another covered with a white napkin. Perhaps it would have been Dutch cheese, or a square of sweet, yellow butter, or a loaf of new bread. It wouldn't have mattered at all what was under the napkin so long as the motive was pure neighborliness.

Sometimes I have wondered what would be—

(Continued on page 18)

AMARYLLIS POINTERS FROM FLORIDA

I feel quite sure that Mrs. May Speaker Burch's advice for handling them in pots is excellent. When the plants are about to put out their Spring growth they like stimulation and this may be obtained by watering with tepid water containing a good pinch of nitrate of soda. If you have not this, then try putting a half cupful of fresh, hen manure in a water bucket and water with this. And if you have none of

to grow and bloom as faithfully as though they had daily attention.

The new hybrids that have been created in the last twenty years by Dr. Nehrling, Luther Burbank and Theodore Mead are so much lovelier than the old type that I knew in my girlhood, that there is no comparing them. I have in mind an extremely large, white one marked with rose-colored lines in the throat. This flower has so powerful and sweet an odor that the whole house will be permeated with it. There is



GIANT HYBRID AMARYLLIS

this, then buy some of the boxes of fertilizer tablets that may be found in the catalogues of most seed houses and use according to directions.

Down here in Florida we stick the bulbs in our sandy soil and it seems as if they do not need special care. I saw a bed of double red ones, the bed being ten feet across and the stalks of the flowers standing up as thick as they could crowd. These bulbs get scattered around in out of the way places as time goes on and they seem

a very large, dark, velvety, crimson one on a tall stem that is a gem, but the red ones have no perfume so far as I know. One called *Amaryllis blanda* has white flowers fading to bluish, and the variety "*spectabilis tri-color*" is white and rose. The one "*rosa perfecta*" has a satiny, rose trumpet with a white band down the petals.

My closing advice, is that your pots, or tubs, should have sufficient holes in the bottom to let the water run off readily, and

(Concluded on page 26)



I WONDER how many young folks there are belonging to our big Floral Magazine family who will be interested in a nature club? Our editor wonders, too; so he has asked me to start the ball rolling, and he proposes to give us two or three columns space each month in which to talk over birds, flowers, animals, trees, butterflies, frogs, mosses, mushrooms,—in fact any nature topic that interests us. We are going to ask questions, exchange experiences, and feel perfectly at home for this is to be our own particular corner, and any boy or girl up to the age of eighteen who is a reader of Park's Floral Magazine is eligible to become a member of the club.

Then I hope every one of us who has a few feet of land at his or her disposal will plant a garden; for the best way in which to get acquainted with Mother Nature's method of doing business is to take hold and help her. And the minute you plant a garden you will be surprised to see how many workers she sends to forward the enterprise! In the first place, there are the poor, little, inferior earthworms: you boys needn't think they were intended only for fish bait, for they are nature's underground plowmen, and of inestimable value in keeping the soil stirred up and ventilated; they also help to feed Robin Redbreast when he hops around a few feet from your hoe, and keeps a keen eye on the freshly turned soil. Earthworms are not all that Robin is looking after, either, for he also picks up cutworms and injurious grubs of all descriptions. As our Club grows, and we learn more about birds, we will look into this matter, and find which birds are the greatest economic value in our orchards, fields and gardens.

Another workman who gives valuable assistance is the toad. Did anyone ever tell you you would get warts on your hands if you handled toads? Well, don't you believe it. But I hope anyone who intentionally injures a toad will get warts on his nose! Of course no one who is acquainted with the toad, or knows how valuable he is to man, would ever think of harming the gentle fellow. That is the fine thing about nature study,—it makes us so much more considerate of our little wild brothers. It is a fact that 88 per cent of a toad's food consists of insects and other small creatures that are pests in the garden and grain-field. It has been estimated that in three months a toad will eat 9,936 injurious insects, and that of this number 1,988 are cutworms. There are other facts that are equally interesting, and we will find out more of Mr. Toad's good qualities when we make a study of him. An interesting story is told by Celia Thaxter in "Island Garden." Slugs were ruining her garden; as each green leaf appeared there seemed to be a slug ready to eat it off during the night. "Some one suggested that the toad was the enemy of the slug, so she sent for toads, as there were none on the island. Two boys caught sixty toads and sent them to her in a wooden box containing earth, with wire netting on top. When the box reached her there were three dry dusty toads sitting on top of the earth. They were so dusty that she showered them with water, but she was not prepared for the result. The dry, baked earth heaved tumultuously; up came

dusky heads and shoulders and bright eyes by the dozen. The toads sat there and blinked and talked with delight. She turned the box on its side and set the whole sixty free in the garden, and as the Summer went on they grew fatter and fatter till they were round as apples, and her garden became very beautiful."

Now, boys and girls if you are interested in our Club and want to join it, send in your name and address on a postal card to The Pine Tree Nature Club, Park's Floral Magazine, LaPark, Pa. I hope every state will be represented. Later we will print letters from the members, some girl in Maine is going to tell us what wild flowers grow there, and another in California will write us about the western flora; then a boy living in the South will perhaps give us the date when our bobolinks, that left the New England states in September, arrived down there for the Winter. And—oh, a lot of things we are going to learn by keeping our eyes open, and telling one another what we have discovered.

Happy New Year to you all.

THE BIRD WOMAN.

THIS MONTH'S STUDY TOPIC

Since the pine tree stands for the name of our club, we are going to begin our nature-study with trees. Winter is a fine time to study trees; the frame can be seen plainly then, the buds and leaf scars are evident, and tree fruits are on or under many of the trees. Only three families of our large trees have opposite leaves; in winter examine the buds and leaf scars,—if they stand opposite you may be sure the tree belongs to the maple, the ash or the horse chestnut family.

Leaf scars, which you will find just below the winter buds, are interesting. Those of the horse chestnut look like the print of a horse's hoof; those of the white ash are crescent shaped. Get a branch of butter-nut and see if the leaf scar doesn't resemble a cow's face. Perhaps that is why the tree was named butter-nut.

Begin studying trees in your own doorway. If there is only one there, find out all you can about it. When you take a walk and can name the trees along the way, you will find it adds a lot of interest to the walk. It is like meeting folks you know.

Under "Pine Needles" you will find the questions for the month. The answers will be given in the February magazine. Study them up, and see how many you get right.

Pine Cones

Under this heading we will print each month brief items of interest to nature folk. When you read a good one, send it in.

In July, 1921, James B. Bradley, the fif-

teen-year-old president of the John Burroughs Club of Washington, D. C., appeared before a committee of Congress to present the appeal of 60,000 school children for an appropriation to continue nature study in the schools of the capital. We quote from St. Nicholas:

"Jimmy, the first boy ever to appear before a congressional committee, marshalled his facts in orderly array and supported his contention by letters of endorsement from President Harding, Vice-President Coolidge, General Pershing, and seven United States senators. He told the committee that unless a modest sum was set aside for nature-study, it would be abandoned, because the funds available from private sources for the past fifteen years were no longer sufficient. Jimmy pointed out that there was a deep and lasting connection between the spirit of Americanism, in its protection of smaller nations, and the nature lover. He protects birds, flowers, trees, and small animals because they are weaker than he; and while they have no power to harm him, he holds in his hands the means of their existence. "The relation between the two facts," said Jimmy, "is so clear that one cannot fail to understand how the bud of one will blossom into the flower of the other."

Furthermore, Jimmy argued that the large sums expended by Congress on parks would be of little value when the citizens of Washington could not distinguish between an elm and a sycamore, tell one bird from another, or point out a violet from an anemone.

All who are interested in woodcraft should read "The Spirit of the Woods," by Ernest Thompson Seton, in December Century.

In many places Christmas trees are now being used to serve two purposes; the first, of course, is the Christmas celebration, after which trees are trimmed with suet, bones, nuts and other scraps of food and set out for the winter birds. Corncobs dipped in melted suet, then sprinkled with nuts and seeds, seem to be a favorite with the nuthatchers and chickadees.

Pine Needles

I. Name the seven great families of native evergreens, or conifers.

II. How many distinct species of pines are found in North America?

III. What peculiarity of the leaves distinguishes a White Pine from a Red, or Norway Pine?

IV. What pine is remarkable for the size and weight of its cones, and how large are they?

V. Which of the conifers bears berries instead of cones?

VI. What tree family grows on all continents from the Equator to the Arctic Circle?

VII. How does a tree feed?

VIII. How does a tree breathe?

IX. What is cambium, and what part does it perform in the life of a tree?

X. Name five of the tallest trees in the world, and five of the oldest?

CHRISTMAS CACTUS

The Christmas Cactus should bloom with ordinary care the first year, but sometimes fails to do so. Repot in the spring, put it out on the porch during the summer months, and see that it has plenty of water—do not drown it, but water lightly. A liquid fer-



A BRANCH OF CHRISTMAS CACTUS

tilizer is fine. The best that I have found is to take chicken manure, put boiling water on it, and let it stand a little while. Then drain off the water, and reduce with additional water until it becomes the color of strong tea. Use this once a month, and you will be surprised with the results.

Mrs. Mary E. Chamberlain, Okla.

SUGGESTIONS

To those who wish a collection of Cactus and do not like the spines, I would suggest that they confine themselves to the varieties of Phyllocactus, Epiphyllums and Rhipsalis for blossoms; and to the Aloes, Haworthias and Gasterias for specimen plants of odd form and coloring, and habits of growth.

Mrs. Bly, Arizona.

CHRISTMAS CACTUS NOT BLOOMING

I think environment makes the largest difference in Cactus blooming. I have had the Epiphyllums (Christmas Cactus) five years and not a blossom. The same varieties in other pots had blossoms from a Spring cutting. Get a cutting from a blooming plant, if possible, and, if the conditions are right, you will get the flowers. They must have plenty of sunshine and a soil that will not sour. Mrs. Bly, Arizona.

A BIT OF GLADIOLUS HISTORY

(Continued from page 5)

duction of the wild flowers from Africa. Then one experimenter, more fortunate than the rest, struck a combination that produced a wonderful flower, wonderful for that time and generation at least, and from that time on a wide-spread interest was shown, and the development of the Gladiolus was assured.

But there is a wide difference between the modern Gladiolus and the first cultivated varieties. The older forms had rather small flowers, and there was no great variety of color to choose from as there is now. Indeed, today the list of good varieties is so large as to be bewildering, but we must bear in mind that all of the thousands of named Gladioli, some good, some poor, some indifferent, are descendants of a few wild species, most of which came from South Africa.

The best known of the older varieties, dating back about 75 years, is the one called *Brenchleyensis*, and it is practically the only one of the old varieties that can be found in present-day catalogues. This variety is a hybrid derived from two differently colored South African species. One of its parents was dark crimson; the other white with a tinge of pink; while *Brenchleyensis* is a brilliant scarlet. It is still considered one of the best of its color, and is frequently planted in masses in borders, and is even occasionally seen in exhibitions.

While we have purposely omitted most of the technical details, such as names and dates, as they might be confusing, and, probably, would not be interesting, it is important to know and remember the name *Gandavensis*. This name was given by a French florist to a seedling grown from a combination of two of the African species, and it is important because it is the name of the direct ancestor of practically all of the best of modern Gladioli.

This *Gandavensis* hybrid had large, brilliantly-colored flowers of scarlet with strikingly blotched throat, forming a long spike on a stout, erect stem. It was by far the best Gladiolus of that time, and was not so very much behind some of those of the present day. Other seedlings of the same type were soon produced, for when once the proper combination had been found it was an easy matter to produce improved forms.

The next step was to combine the *Gandavensis* type with other African species, and in this way two other races of hybrids were produced, each different from the others in important characteristics. One of these was the *Lemoine* type, among which are such well-known varieties as *Baron Hulot* and *George Paul*, with *Mrs. Frank Pendleton* as a more modern descendant. The other type now bears the name of *Childs*, although it was originated in Germany, and includes *Attraction* and *Wild Rose*, *Mrs. Beecher* and numerous others.

These three races of hybrids, the *Gandavensis*, the *Lemoine*, and the *Childs*, form the foundation on which the modern Gladiolus has been built up; but the *Gandavensis* is the corner stone, and all the later developments rest upon it. What these developments have been is too large a subject for this particular time and place. We have been able to touch on a few of the high spots only, with the idea that at some later time it might be possible to come back and take up some of the interesting matters we have been obliged to skip over; we have at least laid the foundation.

Thomas M. Proctor, Massachusetts.

NOTE: We are pleased to announce this is the first of a series of articles on Gladioli by this eminent authority on the subject, Mr. Proctor.

"HOME TIES"

Gee! the south wind's in the maples,

And I feel a tearing urge

For to beat it to the ocean,

And to hear the billows surge.

I'm dog-tired of conventions,

Eat 'n drink, 'n sleep by rule,

Every fellow like his neighbor,

Only somewhat bigger fool!

I've just wasted years a livin'

In this sleepy little town,

Goin' back an' forth to business,

Stickin' to her, up or down;

'N I want to hear the cedars

Sighin' in the old Black Hills,

Or to see a mill race rushin'

Past the old New England mills

Like to see the live oaks drippin'

Weddin' veils of tangled moss,

Down in some old lazy bayou,

Underneath the Southern Cross.

Or to go to Califomy,

Where them yellow poppies blow,

See them all-fired giant red woods

And the mountains capped with snow

Anythin' to change the record,

Anywhere to rest my eyes.

Where I'll meet some one but neighbors,

Or see somethin' to surprise;

Where I'll get a wider vision

Of the world, and what she means;

I've the health and will to see it,

And the money in my jeans.

Gosh-all-hemlocks! there's a crocus!

First one yet a peepin' through!

Ought to rake the litter off 'em.

They'll bloom quicker if I do!

Got to get those flower beds spaded;

Drive out for some turtly loam;

Hain't it funny how these flowers

Tie a feller to his home?

—Myrtle Wallace Martin, Iowa.

Rheumatism

A Remarkable Home Treatment
Given by One Who Had It

In the spring of 1893 I was attacked by Muscular and Sub-acute Rheumatism. I suffered as only those who are thus afflicted know, for over three years. I tried remedy after remedy, but such relief as I obtained was only temporary. Finally, I found a treatment that cured me completely, and such a pitiful condition has never returned. I have given it to a number who were terribly afflicted even bedridden, some of them seventy to eighty years old, and results were the same as in my own case.

I want every sufferer from any form of muscular and sub-acute (swelling at the joints) rheumatism, to try the great value of my improved "Home Treatment" for its remarkable healing power. Don't send a cent; simply mail your name and address and I will send it free to try. After you have used it and it has proven itself to be that long-sought-for means of getting rid of such forms of Rheumatism you may send the price of it, One Dollar, but understand, I do not want your money unless you are perfectly satisfied to send it. Isn't that fair? Why suffer any longer, when relief is thus offered you free. Don't delay. Write today

Mark H. Jackson, 67 H Durston Bldg.

Syracuse, N. Y.

Mr. Jackson is responsible. Above statement true.

Dear Floral Friends: Boys, and girls, too, in place of ploughing Dobbin, try ploughing Dad, if your garden is weedy, and is hard to keep clean. Our Dad is not as young as he used to be, and is a busy farmer, but considers it fun to pull the small shovel plough along each row of vegetables. All weeds are torn out by the roots, and there is left only the soil to be raked, or hoed even, and your garden is in fine condition. Some evenings we plough ours too late to hoe it. Next morning it takes only a short time and your hard job is done and much better for your vegetables, more fatal to the weeds, and not one-fourth the labor it takes to use a hoe without the small plough. Not every one has a hand-cultivator, but in this way the work is just as well done.

Hyacinths

Last fall I bought three large Hyacinth bulbs and planted them in an eight inch pot. I then dug a hole and buried pot and all until the top of the pot was six or eight inches under the top of the ground, on the east side of the house.

Early in March we had such warm weather I couldn't resist taking a "peep" at those bulbs. I found them about an inch above the top of the pot. I left them exposed a few minutes, as the sun was shining, and then covered them again, but with not as much soil as before. Each day for a week I would uncover while the sun shone on them a short time. In a week I lifted the pot and put a paper around it, leaving a small opening at the top. What large heads of bloom there were! I never saw as large blooms, or long stems, anywhere, not even when grown in the ground.

One day I found some leaves of Narcissus a few inches high, so I lifted the bulbs, potted them, and oh! how they did bloom for me, four big flowers, and were lovely for so long a time. I used a small portion of fertilizer once a week on both Hyacinths and Narcissus.

Dahlias All Summer

Who says the Dahlia is a fall bloomer only? I had many flowering in June last year. By June 15th there were at least a dozen, and others coming every day. I had more than two hundred different named varieties and some bloomed from June to November with never a let-up. Of course there are early and late varieties of Dahlias, as well as other flowers. I grew a few Dahlias from seed, which were eight inches across, and of the Peony type. It is a good plan to try a few seedlings every year—some are fine, while others are not worth keeping. I never leave old, faded flowers on my plants. Every evening I pick off all old blooms that have begun to look shabby. This prolongs the blooming period, and flowers will keep their size much better than when the old bloom is left to seed and sap the strength from the plant.

Mrs. Ola V. Termant, West Virginia.

Kill The Hair Root

My method is the only way to prevent the hair from growing again. Easy, painless, harmless. No scars. Booklet free. Write today enclosing 3 stamps. We teach beauty culture. D. J. Mahler, 45 X, Mahler Park, Providence, R. I.

World's Best Roofing

at Factory Prices

"Reo" Cluster Metal Shingles, V-Crimp, Corrugated, Standing Seam, Painted or Galvanized Roofings, Sidings, Wallboard, Paints, etc., direct to you at Rock-Bottom Factory Prices. Positively greatest offer ever made.

Edwards "Reo" Metal Shingles

cost less; outlast three ordinary roofs. No painting or repairs. Guaranteed rot, fire, rust, lightning proof.



Free Roofing Book

Get our wonderfully low prices and free samples. We sell direct to you and save you all in-between dealer's profits. Ask for Book No. 155

LOW PRICED GARAGES

Lowest prices on Ready-Made Fire-Proof Steel Garages. Set up any place. Send postal for Garage Book, showing styles. THE EDWARDS MFG. CO., 105-153 Pike St., Cincinnati, O.

FREE
Samples &
Roofing Book

Paint Without Oil

Remarkable Discovery that Cuts Down the Cost of Paint Seventy-Five Per Cent

A Free Trial Package is Mailed to Everyone Who Writes.

A. L. Rice, a prominent manufacturer of Adams, N. Y., discovered a process of making a new kind of paint without the use of oil. He named it Powder-paint. It comes in the form of a dry powder and all that is required is cold water to make a paint weather proof, fire proof, sanitary and durable for outside or inside painting. It is the cement principle applied to paint. It adheres to any surface, wood, stone or brick, spreads and looks like oil paint and costs about one-fourth as much.

Write to A. L. Rice, Inc., Manufacturers, 7 North Street, Adams, N. Y., and a free trial package will be mailed to you, also color card and full information showing you how you can save a good many dollars. Write today.

SEEDS Grown by a Woman

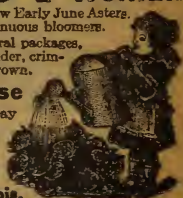
Everybody is delighted with my New Early June Asters. Largest, earliest and best. Continuous bloomers.

For 10c I will send 5 liberal packages, white, pink, lavender, crimson and purple. No better seeds grown.

Guaranteed to Please

Order today, send 10c to help pay postage and packing and receive the 5 new varieties of asters and my bargain Seed Book.

Charlotte M. Haines
Dept. 48, Rockford, Illinois.



FREE

GOLD

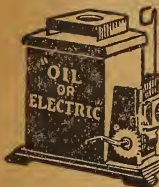
GUARANTEED 5 YEARS

All this jewelry is yours for selling only 6 Boxes Mentha Nova Salve at 25 cts. Wonderful for catarrh, cuts, burns, etc. Order today. When sold return \$1.50 and all 6 Pieces are yours.

U. S. SUPPLY COMPANY, Dept. B 20 Greenville, Pa.

Grow Gladiolus Bulbs--Make Money

at home. "The Gladiolus for Profit." 2nd ed., 20 chapters, 18,000 words, illustrated, teaches gladiolus growing business A-Z. Reveals secrets. BIG PROFITS from small garden space. Hundreds of endorsements from people both sexes making good income growing gladiolus spare time. Big increasing demand for bulbs and flowers. \$1.00 per copy postpaid. Satisfaction or money back. Circular free. R. M. CHAMPE, Walled Lake, Mich.

**FREE MOVING PICTURE MACHINE**

Fine moving picture machine with supply of films. Easy to operate, by oil or electricity. Free for selling only 12 boxes of Menthol Nova Salve, the wonderful Menthol ointment for cuts, burns, catarrh, etc. Sell at 25c a box, return the \$3 and receive this dandy premium. Satisfaction guaranteed. Order now. Hundreds of other premiums and big Cash Commission. U. S. Supply Co., Dept. B 21 Greenville, Pa.

**FREE! PREMO CAMERA**

Size 00 takes satisfactory pictures of any object. Convenient to carry. Sell 30 cards superior snap fasteners at 10c. Return \$3.00 and we will send camera.

SECCO SALES CO., Dept. P. Salem, Mass.

**Poultry Book**

Latest and best yet! 144 pages, 215 beautiful pictures, hatching, rearing, feeding and disease information. Describes busy Poultry Farm handling 53 pure-bred varieties and BABY CHICKS. Tells how to choose fowls, eggs, incubators, sprouters. Mailed for 10 cents. Berry's Poultry Farm, Box 73, Clarinda, Iowa

BOYS MAKE \$5.00 PER DAY

Spare time only. Nothing to sell or buy. Write to day for information.

MACKENZIE, 21 Park Pl., Lapark, Pa.



GEE WHIZ
Some Magazine!

**AN EIGHT MONTHS
TRIAL
SUBSCRIPTION
FOR ONLY
50c.**

**(THIS IS 1-2 THE REGULAR PRICE)
EACH ISSUE OF**

THE BOYS Magazine contains from two to four splendid serial stories and from twelve to twenty thrilling short stories, besides special departments devoted to Wireless, Mechanics, Electricity, Popular Science, Athletics, Physical Training, Stamp and Coin Collecting, Outdoor Sports, Amateur Photography, Cartooning, etc. Beautiful big pages with handsome covers in colors. Profusely illustrated throughout. A special feature is the award of liberal cash prizes for the best amateur work in many subjects. There is no reason why *your* boy should not win some of these prizes. Remember, only 50 cents for eight months. If you are not satisfied we will refund your money promptly and without question. Remit in stamps if more convenient.

--- Tear out here ---

The Scott F. Redfield Co., 7133 Main St., Smethport, Pa.

I accept your special half-price introductory offer and enclose 50 cents, for which send THE BOYS MAGAZINE for eight months to (Write name and address plainly)

Name..... Street or R. F. D.....

City..... State.....

after all. Before you know it the habit is formed, and the engine that runs your amusement machinery is right inside your own brain, and even if sometime you find yourself alone on an island like Robinson Crusoe your amusement theatre will still be operating, and nobody can take away your enjoyment in life!

My pal and I like to go tramping. We have a theory that legs were made to take one's brains about. A woman was telling us of how many miles she and a friend walked one afternoon. "What did you see on the way?" we asked. "See!" she exploded, "It isn't very likely we stopped to look around if we covered that distance in that length of time." Probably not, and I presume they derived physical benefit from the walk. But, you know, when St. Peter questions me at the final summing up, I hope I shall be able to tell him of a lot of fine things I saw on the way.

One afternoon in November we walked down across the meadow that leads to a little river which runs through our valley and off into the world. Now the latter part of November in our climate is about the dreariest time in the year to go forth adventuring. The Summer birds have migrated; you may see a flock of wild geese going over—if you do, it becomes a red letter day—but usually bird life is at a standstill. The Winter birds are finding enough to eat over in the spruces and in the friendly hollows of the hillside, and haven't ventured out much into the clearings. Neither will you find very many little animals abroad; but that November day, as we neared the pond where the frogs peep in the spring and the water lilies blossom in June, we saw a muskrat leisurely swimming around, nose to the surface. The wind was in our favor, and he did not catch sight of us for some time. He swam up to some willows on the bank, gnawed off a little branch and, with it in his mouth, started across the pond. He carried it under an overhanging tussuck of swamp grass, and either added it to the timbers of his new house, or laid it up for safe keeping. We could not see just what he did with it, but he came back without it, and crossed the pond directly toward us. Either his bright eyes or his keen sense of smell told him we were watching him, for slap! went his tail on the water, there was a swish and a swirl—and that was all. Only the quiet pond remained, with Mr. Muskrat somewhere down among the lily roots laughing at us.

Now that was adventure of a good sort. Not so thrilling as seeing a horse and rider pitch off a precipice on a movie picture screen, but I believe it had a better effect on us. This Winter when we look across the meadow to the pond, we will think about the old muskrat who is down there safe in his hut, perhaps asleep up in one of the chambers above the water line with his wife and children, living his life just as the Lord intended him to live when He made muskrats.

Down on the river bank we found a cocoon on a raspberry brier. From its shape we took it to be that of Samia cecropia, one of our native silk-moths. We broke off the branch and brought the cocoon home, feeling it would be safer with us than if left where a woodpecker or a hungry chickadee was likely to bore in and get the pupa. You often see these empty cocoons on branches, with a little hole in the side that is proof that some bird has helped himself to a dinner. We have set the branch in a cool window, and some day next Spring we will find a beautiful cecropia moth just beginning its career on our window sill. The family will look at it and admire it—there is no more interesting spectacle than to watch the rapid development of a moth from its helpless pupal stage into a strong-winged, beautiful insect—and then we will carry it carefully out into the lilac bushes, where it

(Concluded on page 21)

Prices Slashed

Wonderful Feather Bed and Pillows



Sleep on it FREE



Yours to sleep on for 30 nights—a magnificent feather bed! All new live feathers; best tickings; use it as if it were your own. If you're not amazed with the quality and the sensational price, return bed to us. No cost or obligation to you.

A daring offer which we defy others to equal.

Bargains in Feather Beds

Prices Guaranteed Lowest in America. Quality finer than you ever dreamed possible. Other factories wonder how we do it. Full particulars in our free book—nothing ever like it. Full of astonishing bargains. Send today for Free Book, Samples of Feather and Ticking. Read about our free test offer and our \$2,500 Guarantee Bond. Mail postal now!

Lewis Feather Bed Co., Dept. 165 Nashville, Tenn.

3 Glorious ROSES

Everblooming, Guaranteed True to Name. All bloom this summer. Mailed postpaid for..... **25c**
Escarlet—Scarlet
Ivory—White Columbia—Pink



5 Pkts. Flower Seeds

The following collection blooms from early summer to late fall: Aster, Poppies, Pinks, Phlox and Salvia. Generous pkts. Extra special value postpaid 10c.

I will also mail 5 packets of Daisy Seed (five colors) for 25c, or I will mail the above 3 Collections, the 3 Roses, the 5 pkts. of Flower Seeds and the 5 pkts. of Daisy Seed all for 50c.

COMPLETE CATALOG FREE

Lists over 400 roses, all the newest and best. Dahlias, Ferns and everything for house and garden. Send for your copy now.

MISS JESSIE M. GOOD, Box 505 SPRINGFIELD, OHIO

Human Hair Nets, 75c a Dozen

Direct From Importers
FULL SIZE

Don't pay big prices for hair nets when we guarantee to satisfy you or return your money. Most durable nets made, but still invisible. Mail sample of hair or specify color, also cap or fringe. Send order now.

L. H. CONNOR & Co., 16 California Street
Dept. P. San Francisco



30 Days' Approval

Send for this beautiful Kimberly Diamond Ring on approval. Has the same flash, dazzling sparkle and beauty of a \$300 genuine diamond. One carat in size, set in 14k gold filled ring, in beautiful ring box, postage paid. Pay postman \$1.48 O.D. charges. If you are not fully satisfied on wearing for 30 days send it back and we agree to refund your money. Answer quick. Send no money. Send size of finger.

CHICAGO DIAMOND CO.
1837 Berwyn Ave., Dept. 194, Chicago, Illinois

SCHOOL-BOX, FREE



Contains several fine pencils, pen-holder, Van Dyke eraser, imitation grain leather case, noiseless snap clasp, \$1.00 cards of रुपери! snap fasteners at 10c. Return \$1.00 and we send box.

SECCO SALES CO., Dept. P. Salem, Mass.

4-POUND SILK BUNDLES

Wonderful SILK and VELVET BARGAINS
For Quilts, Fancy Work, Party, Etc. Send 13 Cents for big package of large, beautiful silk remnants including free quilt designs and agents' catalogue describing our 4-pound silk, velvet, gingham, and other remnants bargain bundles; also instruction how to earn money at home by sewing.

UNIONS. WORKS, 259 Factory St., BODENVILLE, N. Y.

MIDWINTER

Ice-bound lake and snowy wood,
 Wild sea beating on the shore,
 Lovely wild flowers where they stood
 Bloom in loveliness no more.
 Wild waves beat the stony cliff,
 Wild birds high and swiftly skim
 To some sheltered nook or bay
 By the icy river's rim.
 Snowy hung the old, old oak,
 Bowed like grief the cypress tree;
 While the Winter wind but moans
 Eerily and eerily—
 Yet such things as all of these
 Makers are of memories,
 Memories and memories.

Dan Sweeney, Ohio.

Dear Floral Friends:

May a native of the Badger State step into your charming circle? I see so many letters written by readers from California and the Pacific Coast States and, while I envy them their sunshine and flowers, I sometimes wonder if the budding leaf and swelling bud can give them the same thrill that it does us Northerners, after a long, cold winter, and the beloved spring comes at last.

How many of the readers have tried dropping from the chicken house, mixed with raw phosphate, and water added as a fertilizer for plants and flowers? It is a complete plant food, as it contains all the elements necessary for good, rich soil. Care must be taken to dilute it quite freely with water for house plants, as it contains so much ammonia it might have a tendency to burn them.

This year my Sweet Peas were almost destroyed by what appears to be a small green fly, or probably it is what they call the pea

aphis; I also found it on my English Ivy vines when I slipped them this fall for next summer's porch boxes. I have tried washing the English Ivy slips with soap and water, also cigar clippings soaked in water; both remedies seem to check them somewhat.

"Arbutus," Wisconsin.

FLORAGRAMS

My Paper White Narcissus of this year were the finest I ever saw. Bulbs planted in a glass dish, with stones to hold in place, and the dish kept filled with water, furnished beauty and perfume through the Christmas holidays.

I planted bulbs September 26th and on November 23d the first blossom opened. They were still blooming, one spike just opened, for Christmas and another is yet to open. On the first three I had thirty-three blossoms, one with twelve, one with eleven, and one with ten, an average of eleven to the stalk. I went into the florist's here and mine were much finer. His had only five to seven flowers on a stalk. Just think! from before Thanksgiving, even till after New Year's, with another to open yet.

I planted several bulbs of different kinds of Oxalis the same day. The Grand Duchess, obtained in a collection from a florist, bloomed December 29th; the loveliest shade of red, and the flowers one and one-half inch across. The other shades of same variety have not yet bloomed. This is certainly a fine plant, and as they are so easily grown, ought to soon become a favorite for window gardening.

A. R. Carson, Virginia.

PICK THEM OUT

SCOTT'S

Tri-Color Collection

OF

Red, White and Blue GLADIOLI

American Beauty Red; This variety grows 2 to 4 feet high, with strong, erect spikes filled with handsome, well opened flowers, the color of the American Beauty Rose.

White Giant; A free grower. Rich healthy foliage, large perfect spikes, well filled with giant pure white blooms.

Baron Hulot Blue; This variety stands alone as a unique and beautiful shade and never fails to attract attention, producing long, graceful spikes of good size flowers, color a rich indigo blue.

The above collection of three Bulbs 50 cents, postpaid; two collections, 6 Bulbs, 90 cents, or \$1.75 per dozen.

Supply Limited. Order at Once. Bulbs Sent by Return Mail

GROVER C. SCOTT,
 Lapark, Lancaster County, Penn.



HILL AND HOLLOW PAPERS

(Continued from page 19)

may cling to a twig until dusk, resting; or, if already eager for the flight, it will rise into the air, up—and up—and away on its glorious, rainbow-spotted wings.

We gathered a few alder branches to put in water and watch the staminate flowers lengthen and grow yellow, and we found the soft, wooly nest of the yellow Summer warbler in the crotch of an alder tree. We bent the little tree down to peep in, and behold! the nest was roofed! Evidently after the Summer tenants had moved out, along came Mr. Mouse looking for an apartment; so, not being impervious to rain storms like his feather-clad predecessors, he had gathered plant fibre and made it up into his own brand of silk and wool roofing material, and added it to the nest. Still inquisitive, we raised the roof and looked in, but the man of the house was not there, and all we found were a few chokeberry stones that had been gnawed clean and dry.

So much adventure, and just a few rods from our own roof-tree! Surely, it pays to be alive.

THE SENSITIVE PLANT

Thou little plant so quaint and sweet,
So green and delicate;
Such tiny leaves upon each stem,
Arranged severely straight,
But why dost thou, so sensitive,
The lightest touch eschew?
And curl thyself so tightly up,
And strive to hide from view?

Hast thou a secret in thy breast,
Thou fain would'st ever hold,
No prying eye or withering touch,
The secret may unfold?
Is there a stain, or blot or scar,
Thou would'st for aye conceal?
A secret tale of sin or shame,
Thou never can'st reveal?

Nay, God forbid! I know thou art
Both brave and sweet and true;
Too frail for touch of wicked hands,
Too pure for common view.
Sweet flower, within the inner shrine,—
Within thine inmost heart;
Deep-buried lies a mystery,
Thou never can'st impart.

Guard well thy secret, little plant,
Still keep thy virgin truth;
Guard well the portal of thy soul,
From injury or ruth.
Nor let a mortal, prying hand,
Unveil the solemn mystery:
The secret of thy Heavenly birth,
Which Angels only see,
Lucrétia R. Zastre, Massachusetts.

Dear Floral Friends: I will step in for a little chat about my Primrose Obconica. I planted about half a package of seed last spring, in wood's earth and sand, and raised them all in two half-gallon buckets, white and deep pink, such beauties! I will never be without Primroses during the Winter again. Mrs. Farmer, I would love to see your Begonia window. I can't have very many flowers in Winter—a Begonia, one Geranium, Primroses, a big Fern and a pot of Amaryllis are all I have room for. "Primrose."

Mrs. G. C. Holt, Richwood, Ohio, R. F. D. 1, has a Filifera Palm to exchange. Write.

Mrs. Alice Sayles, R. F. D. 1, Box 38, Newark, Calif., has Amaryllis, Bride Lilies, and Montbretias to exchange for Yucca, Hams, and Longiflorum Lilies. Write.

QUICK HAIR GROWTH! Box Free To You!



Would You Like Such a Result as This?



Do you want, free, a trial box of Keskott, that has proved successful in so many cases? If so, you need only to answer this ad. by postcard or letter, asking for **FREE BOX**. This famous preparation is for dandruff, itching hair and several forms of **BALDNESS**. In many cases, **FREE** a new hair growth has been reported when all else had failed. So why not see for yourself? Keskott is used by men and women; it is perfectly harmless and often starts hair growth in a few days. Address:

Keskott Laboratory, KA 406, Station F, New York, N.Y.



LOOMS \$9.90

AND UP, BIG MONEY
IN WEAVING AT HOME.

No experience necessary to weave beautiful rugs, carpets, etc., on UNION LOOMS from rag and waste material. Home weaving is fascinating and highly profitable. Weavers are rushed with orders. Be sure to send for free loom book. It tells all about weaving and our wonderfully low priced, easily operated looms.

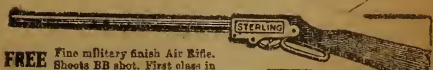
UNION LOOM WORKS, 200 Factory St. Boonville, N.Y.

YOUR NAME IN GOLD ON YOUR
PENCILS.



Box of 6 hexagon pencils given for selling 20 packages of Greeting Cards at 10c. Send for cards today.
SECCO SALES CO., Dept. P. Salem, Mass.

DIABETES Is Curable. A Late Medical Discovery known as "DIBETOSAN" will Completely eradicate Sugar in 72 hours. No strict dieting. Write today for FREE TRIAL Treatment. THE DIBETOSAN COMPANY, Dept G, 333 South Dearborn St., Chicago, Ill.



FREE Fine military finish Air Rifle. Shoots BB shot. First class in

every respect. Sell 25 cards superior snap fasteners at 10c each. Return \$2.50 and we will send rifle. SECCO SALES CO., Dept. P. Salem, Mass.

ASTHMA

Treatment sent you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your treatment today. W. K. Sterling, 887 Ohio Ave., Sidney, Ohio

RECIPE FOR GRAY HAIR.

To half pint of water add 1 oz. Bay Rum, a small box of Barbo Compound, and $\frac{1}{2}$ oz. of glycerine. Any druggist can put this up or you can mix it at home at very little cost. Apply to the hair twice a week until the desired shade is obtained. It will gradually darken streaked, faded or gray hair and make it soft and glossy. It will not color the scalp, is not sticky or greasy and does not rub off.

CLASSIFIED ADVERTISING

Advertisements Under This Heading 20c a Word

AUTOMOBILES

Automobile Owners, Garagemen, Mechanics, Repairmen, send for free copy of this month's issue. It contains helpful, instructive information on overhauling, ignition troubles, wiring, carburetors, storage batteries, etc. Over 110 pages, illustrated. Send for free copy today. **Automobile Digest**, 636 Butler Bldg. Cincinnati.

HELP WANTED

Agents-NEW INVENTION. HARPER'S TEN-USE brush set and fibre broom. It sweeps, washes and dries upstairs windows, scrubs and mops floors and does 5 other things. Big profits; easy seller. Free trial offer. **Harper Brush Works**, Dept. 11, Fairfield, Iowa.

\$10.00 a Day Easily Earned; Seven Bar Boxes. Assorted Soaps, Perfumes, Combination Boxes; selling like hot cakes. Men, Women, 100 per cent profit. Catalog mailed free. **CROFTS & REED CO.**, Dept. 192, Chicago.

United States Government Clerks Needed. (Men-women) \$1600-\$2300. Vacancies constantly. Few to travel. Experience unnecessary. Write, **Mr. Ozment**, Former Government Examiner, 365, St. Louis.

Agents take orders private families. \$40 weekly guaranteed, commission spare time. We deliver and collect. **CONSUMERS HOSIERY CO.**, 724 C, City Hall Station, New York

Be a Detective: Excellent opportunity; good pay, travel. Write **C. T. Ludwig**, 1413 Westover Bldg., Kansas City, Mo.

Government needs Railway Mail Clerks, \$183 to \$192, month. Write for free specimen questions, **Columbus Institute**, 43 Columbus, Ohio.

"Wanted, Crocheters. Liberal Pay. Stamp brings particulars, **J. S. King**, Elkton, Kentucky."

MISCELLANEOUS

Are You Interested in your future? Trial reading for birthdate and 10c. **F. Crane**, 837 Advertising Bldg., Chicago.

Tobacco or snuff habit conquered by harmless remedy. \$1.00 if it cures, nothing if it fails. **DR. C. M. SIMPSON**, 274 W. 44th, Cleveland, O.

PATENTS

Patents-Send for free book. Contains valuable information for inventors. Send sketch of your invention for Free Opinion of its patentable nature. Prompt Service. (Twenty years experience). **Talbert & Talbert** 418 Talbert Bldg., Washington, D. C.

SEEDS, BULBS, PLANTS

Gladiolus bargains- Two each Schwaben L, Immaculee, Kennemerland, Golden West, Wales and Red Emperor, \$1.00. Price List Free. **C. L. GOODWICH**, Luther, Iowa.

SHORT STORIES WANTED

Ambitious writers of photoplays, short stories, songs, poems, newspaper articles, send today for FREE helpful booklet, "Successful Writing." Writer's Digest, S 675, Butler Bldg., Cincinnati.

Stories, Poems, Plays etc. are wanted for publication. Submit Manuscript or write Literary Bureau, 519 Hannibal, Mo.

Earn \$25 weekly, spare time, writing for newspapers magazines. Experience unnecessary; details Free. Press Syndicate, 621, St. Louis, Mo.

Dear Flower Loving Friends: Last June it was my happy privilege to visit the Iowa State Park, familiarly known as "The Devil's Back-bone" deriving this name from a great ledge of rocks which bear a fancied resemblance to his Satanic Majesty's Spinal Vertebra. This ledge, fully one hundred feet in height, borders the Maquoketa river which flows through the park.

Giant Pines, Oaks, Elms, Maples and other forest trees made a heavy shade, under which Ferns, Jack-in-the-pulpit and numerous deep wood plants were growing in rich profusion. The ground was carpeted with Spring beauties, Violets, Hepaticas and Dutch man's Breeches.



The perpendicular walls of solid rock were covered with a variety of Mosses and the finest, most delicate Ferns and foliage imaginable, while hanging down from the little crannies, where it would seem they could scarcely get root hold were the graceful Harebells and Columbines, swinging their dainty blossoms in the breeze, away above the reach of anything save the Pumble-bees and Humming-birds.

In marked contrast were the immense flower-beds seen in some of the parks at the Capital of this same state. These were planted with the brightest flowers catalogued. Mammoth scarlet and yellow Canas, crimson Celosias, Salvias Marigolds Phlox, hardy and annual, and a host of

others combined to make a blaze of beauty as viewed beneath a hot, noon-day sun on a Mid-summer's day.

One of the most beautiful flower-beds was seen in "Nature's Garden," near a country road-side. At the foot of a hill and beside a tiny stream was a great mass of Physostegi (False Dragon-Head) bearing spikes of delicate, pink, tubular flowers. Bordering this was a growth of small shrubs nearly covered with Clematis Panicula (Virgin's Bower) in full bloom.

Aletha—I suggested Funkias, and not Fuchsias, for the moist and somewhat shaded end of your flower border. Just a misprint.

Marg—rite, Iowa.

CONFLICT IN THE VEGETABLE KINGDOM.

Another kingdom seemed in conflict

In the visions of the night,
Vegetation was all turmoil,
In my dreams I saw them fight.
Right and left (Spearmint) was spearing,
(Tulips) gave an awful scream,
(Bleeding Heart) was badly wounded
And the (Bloodroot) ran a stream.

(Arrow Root) was shooting arrows,
And the (Sword Grass) used his sword,
But the vicious old (Bull Nettle)
Fataally the (Mandrake) (Gourd),
Old (Snap Dragon) snapped at (Snake Root),
(Hyssop) hissed at (Adder's Tongue),
The Gray Apes (G-r-a-p-e-s) were badly frightened
Climbed an (Oak) and there they hung.

Old (Dog Fennel) caught (Sheep Sorrel)
While he gloated o'er his prey,
Fiercely growled the (Tiger Lilies)
And (Hoar hounds) began to bay.
(Dandelions) caught the (Pigweeds),
While their squeals (Rose) loud and high.
(Pussy Willows) fought with (Dogwood)
And the (Cat tails) made (Fir) fly.

(Locusts) stung the poor (Horse Chestnut)
Till he's crazy with the pain,
And the (Larkspur) spurred (Horse Radish)
Till he also went insane.
The (Box Elder) boxed the (Boxwood),
While the fight raged fierce and hot,
(Trumpet vines) were blowing trumpets,
And the (Shooting Stars) all shot.

(Snow Ball) hurled her icy missels
At the (Lilac) cause she lies,
While the (Grass blade) skinned the (Onions)
And put out (Potatoes) eyes,
Old sly (Foxglove) caught (Gooseberry)
While he held her by the leg,
(Cockcomb) crowed and (Cactus) cackled,
And the (Egg plant) laid an egg.

(Mourning Bride) was broken hearted
When poor (Arti) choked to death,
Old (Witch Hazel) had bewitched him
Till he couldn't get his breath.
While his relatives all (Bal sam)
And his poor old (Crocus) croaked,
(Weeping Willow) shed tears freely
But the (Dutchman's Pipe) just smoked.

(Pumpkin vines) were busy pumping
(Water Cress) began to flow,
"This is what we should be drinking"
Spoke a voice both soft and low.
Then he thought I saw (Car Nation)
Wave her hatchet left and right,
While bootleggers ran for shelter,
I awoke and it was light.

Linda Pember Reynolds.

SEEDS

Fresh, Reliable, Pure
Guaranteed to Please
Every Gardener and Planter
should test Our Northern-Grown Seeds.

SPECIAL OFFER
FOR 10c we will mail postpaid our
FAMOUS COLLECTION

1 pkg. 60-Day Tomato	20c
1 pkg. Princess Radish	10c
1 pkg. Self-Growing Celery	20c
1 pkg. Early Arrow-head Cabbage	15c
1 pkg. Fullerton Market Lettuce	25c
Also 12 Varieties Choice Flower Seeds	15c
	\$1.00

Write today! Send 10 cents to help pay postage and packing and receive the above "Famous Collection" and our New Instructive Garden Guide.

Great Northern Seed Co.
291 E. 8th St. Rockford, Illinois

Ford Given

A LUXURIOUS SEDAN
The Wonderful ALL-YEAR CAR — Electric STARTER and LIGHTS
— Drive Your Own Car

Can you name these three great Presidents of the U. S.? Who are they? Join our great Auto Club and win Grand Prizes including Ford Sedan! Other valuable prizes and hundreds of dollars of delight.

Win! In Cash given. Everybody Wins! So easy you will be surprised. We've given away many Autos. Why not you? Send your answer today.

Ford Willson, Mgr.
124 W. Ohio St.
Dept. 141 Chicago, Ill.

A school girl of 14 recently won Auto

America's Most Popular Poultry Magazine

4 MONTHS TRIAL 20 cents
FOR 1 YEAR 60c
FOR 2 YEARS \$1

The one poultry magazine for the fancier and commercial poultryman. Gives complete awards of leading shows, and treats on all phases of poultry raising — a Journal for the "back-lotter" as well as farm owner. Stamps accepted.

Everybody's Poultry Magazine, Box 102 Hanover, Pa.

BARGAINS IN TREES

My direct-from-grower, down to bedrock prices save you 20 per cent. Never before have we offered such wonderful bargains, such as—20 Red or Black Raspberries, \$1.10 Concord Grapes \$1.20 Gladstone Apples assorted, \$1.25 Apples, \$1.12 Apple Trees, 4 to 5 ft., \$3.95. Many others. Big catalog showing fruits and ornamentals in actual colors. Also detail planting plans. Free to all. Write today.

EARL PERDUE NURSERY CO., 501 Bridge St., Hampton, Iowa

Asthma

Why suffer? Dr. Kinsman's Asthma Remedy gives instant relief. 25 years of success. 75c at all druggists. Avoid substitutes. Trial Treatment mailed Free. Write to Dr. F. G. Kinsman, Hunt Block, Augusta, Maine.

PARKER'S HAIR BALM

Removes Dandruff—Stops Hair Falling—Restores Color and Beauty to Gray and Faded Hair
60c, and \$1.00 at Druggists.
Hiscox Chem. Wks. Patchogue, N. Y.

STATELY GLADIOLUS

The Most Beautiful of All Late Summer Flowers

Gladiolus are among the most popular late Summer blooming bulbs, easily grown, adaptable to almost any soil, free from disease and pests, very attractive while growing and blooming and last a long time as cut-flowers.

The superb collection offered by us this season furnishes a wide range of colors and varieties and is bound to be a source of great delight to all growers.

Our quantity price is so low that it enables you to plant large numbers of this most popular bulb. All sent postpaid at prices given, excepting by hundreds, which are sent by express, receiver to pay express charges.

Choice Named Varieties

Gladiolus are constantly growing more popular and the fact that their importation from foreign countries is prohibited, has resulted in American growers producing many very fine improvements, and this season the variety, both as to name and color, is greater and better than ever.

Our bulbs are firsts, largest, finest blooming size. Cultural directions sent with every order.

America. One of the choicest bedding and cutting Gladiolus. A beautiful, soft, lavender-pink, Orchid-like in color and texture.
5c each; 50c a dozen; \$3.50 per 100, by express.

Augusta. Pure white with blue anthers. Very fine.
5c each; 50c a dozen; \$3.50 per 100, by express.

Attraction. Deep, rich crimson, with white center. A beautiful flower.
5c each; 50c a dozen; \$3.50 per 100, by express.

Baron J. Hulot, or Blue King. Royal, violet blue; a really blue Gladiolus and one of the most lovely and satisfactory.
7c each; 75c a dozen; \$5.00 per 100, by express.

Brenchleyensis. Vermilion-scarlet. The best of that color for massing.
5c each; 35c a dozen; \$2.25 per 100, by express.

Chicago White. Flowers are pure white with faint lavender streaks in the lower petals; very large flowers. The best white for early blooming in open ground.
7c each; 75c a dozen; \$5.00 per 100, by express.

Columbia. Light, orange-scarlet, splashed with bluish purple.
5c each; 50c a dozen; \$3.50 per 100, by express.

Europe. The best pure, snowy white, without an exception, with finest spike of bloom and largest individual flowers. Scarce and in great demand on account of its quality.
15c each; 4 for 50c.

Halley. Early, pure salmon-pink. A popular and very fine bedder.
5c each; 50c a dozen; \$3.50 per 100, by express.

Isaac Buchanan. Handsome, pure yellow. A great yellow novelty; prized on account of its wonderful shape and appearance.
15c each; 4 for 50c.

Klondyke. Clear yellow, with crimson-maroon blotches in the throat.
5c each; 50c per dozen; \$3.50 per 100, by express.

Mrs. Frances King. A wonderful light scarlet or fire color.
5c each; 50c a dozen; \$3.50 per 100, by express.

Mary Blackman. Flowers a beautiful shade of salmon-red; the lower petals finely pencilled and feathered at the base with carmine on a rich, golden yellow. Lasts a long time when cut.
10c each; \$1.00 per dozen; \$7.50 per 100, by express.

Mrs. Frank Pendleton. Salmon-pink with brilliant deep red blotches in the throat. The flowers are very large, borne on long, strong, straight spikes. Rivals many of the finest Orchids and is considered one of the choicest Gladiolus.
10c. each; \$1.00 per dozen; \$7.50 per 100, by express.

Peace. Immense, pure white flowers, with a gentle touch of carmine in the lower petals; borne on tall, graceful spikes. A very lovely and chaste flower.
10c each; \$1.00 per dozen; \$7.00 per 100, by express.

Panama. Similar to America, and has all its good qualities, but is a rich rose-pink. One of the very finest.
10c each; \$1.00 per dozen; \$7.00 per 100, by express.

Schwaben. Clear canary yellow, with a small blotch of deep garnet in the throat. Large, well-expanded flowers, on shiny, erect stalks. One of the choicest.
10c each; \$1.00 per dozen; \$7.00 per 100, by express.

Primulinus Hybrid Mixed. Greatly improved on the originally imported Primulinus, with good size flowers, ranging in color from light yellow to orange, apricot and crimson, borne on long, graceful spikes.
5c each; 45c per dozen; \$3.00 per 100, by express.

All orders receive prompt attention, are carefully and accurately filled, and safe delivery in first-class condition guaranteed.



GLADIOLUS

mine in the lower petals; borne on tall, graceful spikes. A very lovely and chaste flower.

Schwaben. Clear canary yellow, with a small blotch of deep garnet in the throat. Large, well-expanded flowers, on shiny, erect stalks. One of the choicest.

Primulinus Hybrid Mixed. Greatly improved on the originally imported Primulinus, with good size flowers, ranging in color from light yellow to orange, apricot and crimson, borne on long, graceful spikes.

All orders receive prompt attention, are carefully and accurately filled, and safe delivery in first-class condition guaranteed.

Jersey Seed Farms,

150-157 Water Street,

New York

PLANTS OF THE DEVIL

(Continued from page 6)

of thirty or forty men. The Devil is believed to be abroad on this night and if one wishes to succeed in one's quest for so valuable a prize, one must possess a courageous spirit to surmount the many temptations that may present themselves.

I find that in Middlesex the Ox-eyed Daisy is called the Devil's Daisy, but it is to be regretted that such a winsome flower should have been burdened with such an unpleasant name. In Germany, the Aconite is sacred to the Devil; in Norway it is the property of Thor, hence it is called Thor-hat in that country: in Denmark and Sweden it is called Storm-hat. We call it Monk's Hood on account of its hat-shaped flower. There is a species of Spurge which is often called Devil's Milk from the acrid juice it contains, but the same plant in Ireland goes by the name of Devil's Churn-staff on account of its poisonous properties. There seems to be no plant by the name of Devil's Cow, but we have the milk, and although His Satanic Majesty is supposed to live without food, we nevertheless have Devil's Oatmeal which is given to a species of Parsley. Then we have the Devil's Coachwheels, and the same plant, *Ranunculus arvensis*, supplies him with a curry comb to groom down his fiery steeds.

The well-known Arum is sometimes called Devil's Men and Women, or Devil's Ladies and Gentlemen, but this is not so desirable a name as the other common one of Lords and Ladies, which is often applied to it. In Mexico there is a plant—*Argemone Mexicana*—which bears the name of Figo del Inferno, or literally Hell's Fig. It is a prickly plant with yellow, acrid juice, which is often used by the natives for the cure of ophthalmia. There are two plants, at least, that bear the name of Devil's Apple. One of these is the Mandrake and the other the Datura, or Thorn Apple. The Arabs gave this name to the Mandrake because that plant was supposed to excite voluptuous emotions. There are various species of the Datura, all of which possess the same peculiar property, and many curious tales are told respecting the peculiar conduct of those who have partaken of the plant. A story is told of some soldiers who, having been sent to Peru to quell a rebellion, partook of the plant by mistake, and the effect it had on them was indeed curious. Some spent their time blowing feathers into the air, others in a sitting posture grinned like monkeys, some pawed and fondled their companions with such droll expressions that even the most stolid were moved to mirth, while still others engaged in equally foolish pastimes.

Antone J. Soares, California.

IN MEMORIAM.

Sweetly sleep, and take thy rest,
Cradled on thy Saviour's breast,
Sin and sorrow, pain and woe,
Thy soul never more shall know;
Joy and peace, forever more,
Wait thee on the other shore.

Let the waxen fingers hold
Lilies white, with hearts of gold;
But around the narrow bed,
Let all flowers their beauty spread,
While their fragrance on the air,
Breathes a mute, consoling prayer.

In a brighter, better land,
Welcomed by the Angel band,
Greeted by the Heavenly King,
Safe at last from suffering;
Cradled on thy Saviour's breast,
Sweetly sleep and take thy rest.

Fannie Knapp Van Campen.

It's Nerve Force from Nuxated Iron

that helps make STRONG, MAGNETIC, FORCEFUL MEN and WOMEN, who make their over mastering presence felt the moment they enter a room.

NUXATED IRON

contains the principal chemical constituent of active living nerve force in a form which most nearly resembles that in the brain and nerve cells of man. It also contains organic iron like the iron in your blood and like the iron in spinach, lentils and apples. Organic iron enriches the blood and plenty of rich red blood means more nerve force, so that Nuxated Iron not only feeds what might be termed artificial nerve force to the nerve cells, but it stimulates the blood to manufacture a greatly increased supply of new nerve force. If you are weak, nervous or run-down, get a bottle of Nuxated Iron to-day, and if within two weeks' time you do not feel that it has increased your nerve force and made you feel better and stronger in every way, your money will be refunded. Sold by all druggists.

PARK AVENUE HOTEL

4th Avenue from 32nd to 33rd Streets, New York

Subway entrance at door

One of the best known hotels in the metropolis. Convenient to shopping, theatres, and in the heart of the wholesale district. Less than 50 cents taxi fare (one or more persons) from either railway terminal. Surface cars pass door.

PRICES FOR ROOMS

50 Single Rooms, \$2.25 per day.
100 Single Rooms, \$2.50 per day.
250 Double Rooms, \$1.00 per day and upward.
Single Rooms with Bath, \$4.00 per day and upward.
Double Rooms with Bath, \$5.00 per day and upward.

POPULAR PRICE CAFETERIA AND REGULAR RESTAURANT

GEORGE C. BROWN, Proprietor



3 Piece Toilet Set Free
for selling only 8 boxes
ROSEBUD SALVE at 25c
each; great remedy for Sores,
Tetter, Piles, Catarrh, Corns,
Bunions, etc. **EASY TO SELL**
we **TRUST YOU**. Order today.

ROSEBUD PERFUME CO., Box 79, Woodsboro, Md.

AMARYLLIS POINTERS FROM
FLORIDA

(Continued from page 13)

I would also put some coarse stones filled in with fine ones at the bottom, to insure perfect drainage. They need plenty of water during the blooming period, but it should drain away readily. Bone-meal makes a good ingredient to add to leaf-loam, rotted cow manure and sharp sand for potting them in. Marian A. McAdow, Florida.

IN THE COUNTRY

Oh! the joy of living—in the Winter time
When the air is snappy, and the skating's
fine;

When the sky is lowering, snow begins to fall.
Then my lads and lassies, there is pleasure for
us all.

Oh! the joy of living—in the budding Spring,
When the babbling brooklet cheerily it sings.
Then we'll go a-fishing, take our pole and
line.

And we'll catch some beauties, I'll tell you
trout are fine.

Oh! the joy of living—in the Summer time.
When the sun is golden, and the air is fine;
With the blooming flowers and the honey bees,
Birds make sweetest music, out amongst the
trees.

Oh! the joy of living—in the days of Fall
When 'tis time to garner treasures one and all,
When the golden pumpkin's ready for the
fray.

And the turkey gobbler, "Hurrah"—Thanks-
giving Day.

Oh! the joy of living—Summer, Spring and
Fall.

Can't tell which the nicest for I love them all,
But Winter has them beaten, and our hearts
are gay

When comes in its December the great old
Christmas Day.

Mrs. Sadie Millard, Pennsylvania.



Birth Control

SEND
NO
MONEYJUST
SEND
YOUR
NAME
AND
ADDRESS

BY DR. WM. J. ROBINSON

With an introduction by Dr. A. JACOBI, Ex-President, American Medical Association.
Birth Control is not a fiction pamphlet but 250 pages of authoritative information, clearly and plainly written.

Order it at once while we are able to send it to you. An invaluable possession.

"This book is the only popular work published in this country that deals with this subject in a simple, thorough, and authoritative manner," says one New York daily.

Delay may mean permanent loss. When the supply is exhausted you may not be able to buy a copy at any price. Send for it today.

Send no money. Just your name and address written plainly. Pay postman \$2.00 when book is delivered. Mailed in cover marked personal.

JOVE CO., Dept. 28, 257 W. 71st St., N. Y.

DOES YOUR STOMACH
LET YOU SLEEP?

If you toss from side to side and cannot sleep, if you awake frequently, if you are nervous and have a restless, "fluttery" feeling—your trouble is very likely due to gas on the stomach.

Gas on the stomach is caused by undigested food. It is usually the result of eating too much or the wrong kind of food. The way to overcome it is to find out the right kind and the right amount of food which your stomach can handle without allowing it to form gas, and to cleanse the stomach and intestines of all old accumulated poisons and destroy the harmful toxins and bacilla.

There is now offered to the public a preparation having the double action of an intestinal antiseptic and a COMPLETE system cleanser. This preparation, known as Adlerika, acts as follows:

It tends to destroy harmful germs and colon bacilli in the intestinal canal, thus guarding against diseases having their start there.

It is a COMPLETE system cleanser, acting on BOTH upper and lower bowel and removing matter which poisoned the system for months. Adlerika brings out all gases, thus immediately relieving pressure on the heart.

In slight disorders, such as occasional constipation, sour stomach, gas on the stomach and sick headache, ONE spoonful of Adlerika always brings relief. A longer treatment, however, is necessary in cases of obstinate constipation and long standing stomach trouble, preferably under direction of your physician.

Adlerika is sold by leading druggists everywhere or sent, all charges prepaid, for \$1.20 (large bottle, enough for full treatment). Send for free diet suggestions for "gas on the stomach." Adlerika Co., Dep. FF, St. Paul, Minn.

A PLEASANT SURPRISE

Very late in January last year, I received a number of medium sized, named Hyacinth bulbs which had remained in excellent condition. I had always been under the impression that these must be set not later than November for good results. But as I could never think of not giving every bulb at least a fighting chance, I put them carefully away for a few days until the sleet and snow melted so that I could spade up a portion of a very sandy bed which had been used the previous year for Dahlias.



SINGLE HYACINTH

I removed the soil a few inches and carefully placed each bulb, then put the soil back, and followed it by a heavy mulch from the cow lot. I waited until late in the Spring to remove the coverings, and the Hyacinths were just beginning to show, they then grew rapidly and with only one exception everyone appeared. The flowers were of most exquisite colors and I have never seen finer length of stem.

Stanley Wood, Virginia.

When planting your cherished Hyacinths that have come all the way from Holland, do you ever wonder where else they come from? There are over 30 species, and the greater part are South African, while in Syria, Asia Minor, Greece and Dalmatia, we find them wild.

ROSE ODOR CAPSULES used by women of refinement. Circulars free.
H. WALTHALL CO., Hagerstown, Md.

SEEDS Grand Trial Offer

\$1.50 Samples for 10 Cents

To introduce our seeds into a million homes we will mail these 24 Sample Packets Fresh Tested Seeds for 10 cents. Money back if dissatisfied.

CABBAGE, New Glory, early, sure-header, large.
CABBAGE, Danish Ball-Head, best winter sort.
CARROT, Perfect, Half-Long, best table sort.
CELERY, Brittle Winter, best, crispest, Keeswell.
CUCUMBER, Emerald White Spine great favorite.
LETTUCE, Cream Butter, tender, popular heads.
MUSKMELON, Sweetest Gem, best garden melon.
WATERMELON, Deposit Early earliest sweetest.
ONION, Prize-taker weight 3 lbs, 1000 bus, per acre.
PARSLEY, Triple Curled, best, most ornamental.
PARSNIP, Improved Guernsey, white, sweet.
PEPPER, Crimson King large, red, fine.
RADISH, White Icicle, best, early, long, tender.
SPINACH, Summer fine for greens.
TOMATO, Greater Baltimore, best, large, smooth.
TURNIP, Yellow Rutabaga sweet, long keeper.
ASTERS, Show Mixed. **PINKS**, 50 Grand Sorts.
KOCHIA, Grand foliage. **POPPIES**, Show Sorts.
MIGNONETTE, Sweet. **ANNUALS**, 500 Sorts.
WAVES OF GOLD. **ORCHID SWEET PEAS**.

Wholesale Prices. Book & Rebate Check Free.

DEPOSIT SEED CO., DEPOSIT N. Y.

10 Packets Grand Large Flowering Sweet Peas, 10c.

FOR YOU—Some Easy Money, and a Ford Touring Car FREE

For every yearly subscriber to the **UNIQUE** magazine you get 25 per cent. commission, besides a chance to get the **FORD FREE**. For each subscription you get your 25 per cent. commission, and 20 votes toward the **FORD**. The one having the most votes March 30th will win the genuine **FORD TOURING CAR**. Rush your letter



for outfit and get busy—all subscriptions sent in before February 1st will get extra 2000 votes free. To the first 100 who reply to this advertisement, and send in at least one new subscriber to the **UNIQUE**, we will give you a handsome present, your choice from list we will send you. Write at once and enclose stamp for reply and outfit free.

UNIQUE MAGAZINE, Dept. P. Canutillo, Tex. Box 74



HERB RECIPE BOOK 10c

Worth \$3. Teaches how to make medicines from herbs for all diseases. Over 250 recipes and herb secrets.

Ind. Herb Gardens, Dept. 44, Hammond, Ind.

CANCER

Treated at home. No Pain, knife, plaster or oils. Send for free treatise.

A. J. Miller, M. D.

Clayton, Mo

Our Scientific Method will stop that

STAMMER

Study at Home if you choose. Send for free 200 page book. It tells how our Natural Guaranteed Method quickly corrects Stammering or Stuttering. Write **THE LEWIS INSTITUTE** (Founded 1894) 148 Lewis Bldg., 71-77 Adelaide St., Detroit, Mich.

STOMACH TROUBLES

VANISH LIKE MAGIC

Eat all you want, what you want, when you want to. Get rid of Dyspepsia, Indigestion, Catarrh of the Stomach, Belching, Heart Fluttering, Sour Stomach, Nervousness, Constipation, Headache, etc.

FREE



Send 10c to help pay cost of mailing and we will send you a genuine \$1 Peptogen **FREE**. No matter how severe or long-standing your case is, no matter what treatments you have tried, order this Peptogen TODAY.

DR. G. C. YOUNG CO., Dept. 14 JACKSON, MICH.

GOITRE

Removed at Home Without Operation or Danger

This simple, safe home treatment removes Goitre without inconvenience or danger. Hundreds of difficult cases that refused to yield to any other treatment have reported immediate results. "My goitre is cured and am feeling fine. I improved before taking medicine a week," says Mrs. C. W. Hahn, of North Jackson, Ohio. Mrs. W. A. Pease, of Creston, B. C. Can., writes: "A friend in Alberta got your treatment and was cured. I concluded to try it, and after using one treatment my goitre entirely disappeared." Quickly stops choking and other disagreeable symptoms. Does not interfere with regular duties. No danger. Convince yourself without pay or obligation. Send Coupon today for \$2.50 Test Treatment.

\$2.50 FREE COUPON

This coupon is good for \$2.50 Test Treatment mailed free in plain package if accompanied by 10c to cover postage. Address THE W.T.B. LABORATORY, Battle Creek, Mich.

Age How old is Goitre? yrs.

Nervous? Hands Tremble?

Do eyes bulge? Does heart beat too rapidly?

Health?

Name

Address

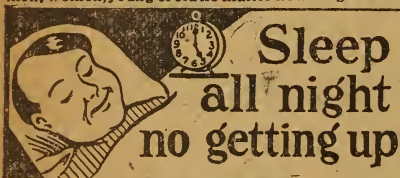
603

BLADDER WEAKNESS

A famous European Laboratory has given the world a wonderful new discovery that quickly soothes, heals and stops Weakness of Bladder, Kidneys and the

PROSTATE GLAND

It is called PRO-GLANDIN. Thousands everywhere using it when all else fails. Simple-Quick-Safe, for men, women, young or old no matter how long suffering



Sleep all night no getting up

If you want to "forget you have a Bladder or Prostate" and enjoy unbroken rest all night, with ease, comfort and contentment from now on, all the rest of your days, then use this new remedy on Free Trial.

50c Pkg'e FREE

Also "New Science" Booklet

To introduce we will give away 100,000 Packages sent FREE, postpaid anywhere. Contains Trial supply of PRO-GLANDIN, and "New Science" Leaflet telling how to treat yourself. Every Bladder, Prostate, or Kidney sufferer should read it. Send no money just your address, and get all by return mail. Write today W. P. WORTH, 74 Cortlandt St., New York

"SEE HERE—"

When you're blue and discouraged, and sure, in your soul,
That wrong is enthroned over right,
Your garden should teach you, if tended right well
The way to raise posies, is fight!
Unlimber your hoe
And start down the row,
And kill every weed as you go.

You weren't requested to purge the whole earth
Of all that would hinder or mar,
But just to get busy and clear out the canes
In the little briar-patch where you are!
Just to look at the facts,
And swing a sharp axe,
And never grow weary or lax.

There are hearts that are stony, and barren, of course,
Like fields which were fallow too long,
The crops that they bear may be evil, or sparse,
But per chance their conditions are wrong!
Just take a good spade,
And give them "first aid,"
And lo! what a change you have made!
Myrtle Wallace Martin, Iowa.

Dear Florist Friends: A drive up this bit of coast exhibits a great many pretty things, chief among them that rare and beautiful tree, Torrey Pine. There is quite a beautiful bit of natural park right on the coast where you can hear the Pacific murmur and wander up and down hill where these Pines grow. Here also, is the Toyon, or California Holly, which is so eagerly picked at Christmas. During the war, when all were doing their bit, we were fortunate enough to grow and give some vee Torrey Nines for Red Cross work. There, too, the children planted a small Cypress tree "In Mormoriam" to all who helped in the great struggle.

A Torrey Pine, California.

EXCHANGES

Mrs. Chas. A. Wood, 330 Hoboken Ave., Jersey City, N. J., has seeds of Marigolds, Cosmos, Calendula and Hardy Phlox to exchange for seed of Poppy, Petunia, Aster or others. Write.

Mrs. Wm. Lewis, 108 Marion St., Scranton, Penna., has vegetable and flower seed to exchange for Winter-blooming plants and vines for Winter-box.

Mrs. R. E. Dornblaser, Hume, Ills., has Cannas, Gladiolus, Marigold seed and hardy plants to exchange for Lilies and Roses. Write.

Mrs. C. Evershed, R.F.D. 3, Box 121, Malvern, Ark., has Dahlias, Cannas, Hymelia and Strawberry, Raspberry plants, Ferns to exchange for Loganberry plants, Callas, Crinum and Amaryllis. Write.

Mrs. John Smith, Brookfield Centre, Conn., has Myrtle, Honeysuckle, Gladiolus, Strawberry plants, Iris and Lemon Lily to exchange for Lilies, Scillas, Dahlias, Chrysanthemums, and red Phlox.

Mrs. H. L. Coplin, 640 Oak St., Jackson, Mich., has Oxalis bulbs, Mums, pink Roses, Hollyhocks, Iris, Gailardia, Chives, Artichokes, Wandering Jew, Linum, Columbine, Rhubarb and Dahlias to exchange for other hardy plants, bulbs or shrubs. Write.

Louisa Allen, Hallstead, Penna., R.F.D. 2, has Mountain Laurel, Trailing Arbutus, Hardy Ferns, Damask Roses and other hardy plants to exchange for books, fancy work and other things. Write.

Mrs. Cornelia Taylor, Brooklyn, Ills., has Golden Glow, Lily of the Valley, Wild Columbine, Geranium and German Ivy slips to exchange for other slips of Geraniums, Chrysanthemums, Easter Lily Bulbs, or house plants.

Mrs. John Coville, Woodland, Mich., has Daffodils and wishes to exchange for Hyacinths and Roses.

Alice C. Fair, Trough Creek, Penna., will exchange Dahlias, Gladiolus, hardy Ferns, Amaryllis and Mums for Begonias, house Ferns, Rex Begonia or Cactus. Write.

Mrs. J. S. Flowers, Dayton, Tex., Box 128, has Amaryllis, Zephyranthes, Narcissus Poeticus and small yellow Chrysanthemums to exchange for Lily of the Valley, Lillium Auratum and Speciosum Rubrum bulbs.

Mrs. T. E. Covey, Townsville, Penna., R.F.D. 2, has dark red, double Dahlias and mixed Gladiolus to exchange for Iris or Cannas. Write.

F. G. Riggs, 527 W. Allison St., Nevada, Mo., has Cactus, Begonias, Lilies, Iris, and hardy plants to exchange for other plants. Write.

WINTER FLOWERS

When come the cold and dreary days,
And snowflakes fill the air;
We shun the wild and forest ways,
And indoors we repair,
And seek the pleasant fireside.
Where warmth and peace abound,
Where books and work beguile the time,
And pleasures may be found.
Tis here the flowers we loved and lost,
When died the Summer's glow;
Greet us once more beside the pane,
And all their wealth bestow.
We love their grace and fragrant bloom,
So freely lavished when
The storm king rages wild without
Till Summer comes again.
Their presence smiles a welcome here,
Their beauty pleasure brings;
And in our hearts glad thanks arise,
To the Giver of good things.
Lucretia R. Zastre, Massachusetts



GIANT CHINESE PRIMROSE

Dear Floral Sisters: If you should happen in to my house today, you would see many pots of beautiful Chinese primrose all in bloom, great, large blossoms, red, white and pink, and such foliage. Oh I'm just wild about them, and they grew from seed planted last April. They were from four to six weeks coming up in the seed-box, but one of the Floral Sisters had told of their long delay in germinating, so I just kept watching and waiting. Transplanting makes them grow larger and stronger, so each plant received about four treatments of that culture. They like a cool place, with strong light but no direct sunlight. No insects have troubled them. When sweeping, I have a thin, light cloth to throw over them as a protective from dust. A dirty or dusty plant is an unsightly object to look upon. I think beautiful flowers make the world more lovely, more lovable and more loved.
Iris, Minnesota.

Free to Asthma and Hay Fever Sufferers

**Free Trial of a Method That Anyone
Can Use Without Discomfort
or Loss of Time**

We have a method for the control of Asthma, and we want you to try it at our expense. No matter whether your case is of long standing or recent development, whether it is present as Chronic Asthma or Hay Fever, you should send for a free Trial of our method. No matter in what climate you live, no matter what your age or occupation, if you are troubled with Asthma or Hay Fever, our method should relieve you promptly.

We especially want to send it to those apparently hopeless cases, where all forms of inhalers, douches, opium preparations, fumes, "patent smokes," etc. have failed. We want to show everyone at our expense, that our method is designed to end all difficult breathing, all wheezing, and all those terrible paroxysms.

This free offer is too important to neglect a single day. Write now and begin the method at once. Send no money. Simply mail coupon below. Do it To-day—you do not even pay postage.

FREE TRIAL COUPON

FRONTIER ASTHMA CO. Room 653 C.
Niagara and Hudson Sts., Buffalo N. Y.
Send free trial of your method to.

Cured His RUPTURE

I was badly ruptured while lifting a trunk several years ago. Doctors said my only hope of cure was an operation. Trusses did me no good. Finally I got hold of something that quickly and completely cured me. Years have passed and the rupture has never returned, although I am doing hard work as a carpenter. There was no operation, no lost time, no trouble. I have nothing to sell, but will give full information about how you may find a complete cure without operation, if you write to me, Eugene M. Pullen, Carpenter, 52 H Marcellus Avenue, Manasquan, N.J. Better cut out this notice and show it to any others who are ruptured—you may save a life or at least stop the misery of rupture and the worry and danger of an operation.

The Bee Cell Supporter

A BOON TO WOMANKIND

Made from the purest, softest rubber. Six cups or faces render misplacement absolutely impossible. Endorsed by the medical profession. Send us \$2.50 and we will mail you one postpaid in plain package. Money back if not entirely satisfactory. Write for descriptive circular. It's FREE.

The Bee Cell Co., Dept. 200 White Bldg., Buffalo, N. Y.

PILES FREE TREATMENT
We pay postage and send Red Cross Pile and Fistula treatment free.
RCA CO. Dept 80. Minneapolis, Minn

CURES ASTHMA, OR COSTS NOTHING

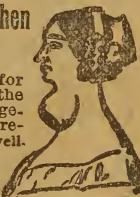
Any reader who suffers from the above disease can be quickly cured without risking a penny through the remarkable discovery of C. Leavengood, 1652 S. W. Blvd., Rosedale, Kansas. Don't send a penny—just write Mr. Leavengood and he will send you a big bottle of his prescription on 10 days' trial. If it cures pay \$1.25. Otherwise you owe nothing.

A Baby In Your Home

Thousands of copies of a new book by Dr. H. Will Elders are being distributed to women without cost. Every woman who wants children should read this book and learn all about STERILITONE and its wonderful effect in constitutional weakness. Many things are unfolded that the average woman has never been told before. For free Book send name to Dr. H. Will Elders 24B St. Joseph, Mo.

GOITRE Pay When Well

I have an honest, proven remedy for goitre (big neck). It checks the growth at once, reduces the enlargement, stops pain and distress and relieves in a little while. Pay when well. Tell your friends about this. Write me at once. **DR. ROCK.**
Dept. Box 37, Milwaukee, Wis.



DROPSY

Treated One Week **FREE**
Short breathing relieved in a few hours, swelling reduced in a few days, regulates the liver, kidneys, stomach and heart, purifies the

blood, strengthens the entire system. Write for Free Trial Treatment.

COLLUM DROPSY REMEDY CO., Dept. G-27, ATLANTA, GA

PASTOR KOENIG'S NERVINE

For EPILEPTIC-FITS and NERVOUSNESS
Ask for a Trial Bottle and Booklet mailed free.

KOENIG MED. CO.

Dept. C., 125 W. Lake St., Chicago, Ill.

CANCER

& TUMORS CURED. NO KNIFE OR PAIN. All work guaranteed. FREE BOOK. MINNEAPOLIS, Dr. Williams Sanatorium MINN.

Dear Floral Friends:

I want to tell you how I have Hyacinth blooming in the house in January. A few weeks ago, when the ground was not frozen I took up some bulbs out of the garden and potted them. The Florists have none in bloom this early. The bulbs that have been in the ground from the year before begin to make root growth earlier than those you get from the dealers. I also took up some Narcissus recently and put them in a shallow box to bloom after awhile; Poets and Langtry and the yellow cup and saucer kind and a Madonna Lily. I have potted some and buried them on the north side of the house until the first freeze and they brought them in to bloom. The last Hyacinths I got in December and put in boxes and buried them outside, putting plenty of leaves and soil over them; I am eager to see when they will bloom.

My South windows are shaded by the house next us so I cannot have many plants but bulbs do all right. I sent my Call Lilies to the greenhouse when the weather got very cold and now one is in bud and will get it soon. That helps me through the Winter with the few cut flowers I buy. But if you could see my garden in the summer you would be surprised that so many plants and different varieties could be grown on a lot 50 to 117 feet. Almost every year I make some changes in it. One time I sowed some parts in grass, the later cut beds three feet wide and let grassy walks between them wide enough to mow with a lawn-mower. I do all the work in it myself.

I have bulbs, shrubs, perennials, annuals and vines. When the shrubs sprout too much I dig up the sprouts and sell them to those who wish to buy. I raise my plants from seed I save or buy and find it delightful from the time I sow the seeds until the cold cuts off the growth in the Fall and I cover them with leaves for the Winter's rest. Amateur Florist, Kansas

BRAND NEW

FORD TOURING CAR GIVEN

'6	9	14	5	14
5	23	3	1	18

SOLVE THIS PUZZLE. WIN FINE PRIZE

The figures in the squares represent corresponding letters in the alphabet. Figure 1 is A, 2 is B, 3 is C, and so on. The ten figures spell three words. Send the three words on a slip of paper with your name and address quick if you

want to win. I have given away many Autos and scores of other prizes. My plan is so simple it is easy to win prizes and cash rewards.

Thousands of Dollars in Other Grand Prizes and Cash Rewards

Besides the New Ford Car I am going to give away Superb Cabinet Phonograph, Bicycles, Gold Watches, Kodaks, Traveling Bag, Chest of Silverware, Dinner Set and Cash Rewards. No experience is required. You don't put up a penny or do any hard work. Just an opportunity to realize your ambition to have an Automobile all your own and a chance to get it in the easiest way imaginable. Don't let anyone in your neighborhood beat you to it. The quicker you act, the bigger your winnings. Send me your answer to the puzzle with your name and address, without delay. **DUANE W. GAYLORD, 537 S. Dearborn St., Dept. 46 CHICAGO, ILL.**



QUESTIONS AND ANSWERS

Q. Will the Water Hyacinth freeze if left out during the Winter, or what must I do with it? L. Hejtmanek, Kans.

A. The Water Hyacinth will freeze during the Winter if not taken in the house in a bucket or tub of water and kept in a temperature of 70 degrees. EDITOR.

Q. My Lemon Ponderosa makes good growth during the summer, but drops its leaves in the Winter and has never bloomed. What is the matter with it?

Mrs. C. A. Salisberg, Illinois.

A. This plant delights in a sandy soil with good drainage and a warm, sunny situation. The pot should be plunged outdoors in the Summer and taken indoors in the Fall before the nights get too chilly, as sudden change of temperature will cause the plant to lose its leaves. When the plant becomes pot-bound it will also lose its leaves, due to the fact that the roots along the side of the pot become dry, and fail to supply the plant with necessary moisture. Repotting should be done in the Spring at the end of the blooming season and before active growth begins.

EDITOR.

Q. I put Paper White Narcissus in water again this Winter to force the second season, but they produce no buds. What is best to do with them? Mrs. Wm. Glasgow, New York.

A. Paper Whites are not hardy and are no good after they have been forced in water. EDITOR.

Q. Does it injure an Amaryllis bulb to remove the blossoms before they fade, or to cut them with a part of the bloomstalk? Virginia.

A. It should not injure the Amaryllis bulb seriously if the flower is taken off while in bloom. In fact, they are often cut, and sold as cut-flowers, the same bulb being used the following year for the same purpose. Be sure to cut your flower, and not pull it or break it off. EDITOR.

Q. How can I make my Geraniums bloom all winter?—Marie Imhoff, Wisconsin.

A. You really should have made cuttings from your Geraniums in July to have rooted these for winter-blooming. The only thing you can do now is to cut back your Geraniums within four inches of the surface soil, and then stir a teaspoon of bone meal into each pot that contains a Geranium. Place them in a sunny window and they will bloom this winter.—EDITOR.

Q. The leaves on my Geraniums turn brown and wither up. Some are over a foot high, with only two or three leaves, and only two blossoms all summer. Can you tell me what is the matter with them?—S. J. Butcher, Michigan.

A. Your Geraniums are probably too shady. We suggest that you cut them back to six inches, pull them out of the pots, shake the soil all off, and repot them, mixing in the new potting soil a teaspoonful of bone-meal to each pot. Give them plenty of sun and they will bloom all winter.—EDITOR.

Conquer the

TOBACCO OR SNUFF HABIT

quickly with simple, harmless preparation. No matter whether you smoke cigars, cigarettes, pipe, chew or use snuff, this preparation is guaranteed to quickly free you of the tobacco habit. NO CURE, NO PAY. Costs only \$1 if it cures—nothing if it fails. Full treatment sent on approval. Write to-day.

DR. C. M. SIMPSON


273 W. 44th Street Cleveland, Ohio.

CATARRH TREATED FREE



10 days to prove this treatment gives relief to catarrh of nose, head and air passages. I had catarrh, deafness, head noises, had two surgical operations, found a treatment that gave complete relief. Thousands have used it. Believe it will relieve any case. Want you to try it free. Write

DR. W. O. COFFEE, Dept. 119 Davenport, Iowa




WHY FEAR CHILD BIRTH

Dr. J. H. Dye, obstetric specialist, discovered a means of lessening suffering of labor and unnecessary pain. Write us about irregularity and sterility.

Illustrated Booklet Free
Sent in plain wrapper. If you wish to give birth to healthy babies, without unnecessary pain, write for it today. Thousands benefited in last 40 years.

Dr. J. H. Dye Medical Institute,
11 Lincoln Building, Buffalo, N.Y.



Wonderful News For PILE SUFFERERS FREE

Five minutes from the first application of this simple home remedy you experience such instant and complete relief that you know you have at last obtained the only sensible treatment for piles. Thousands of people have tried this with wonderful success. **Send No Money.** Simply send name to day for free booklet, tells all about piles how to get quick relief from pain, how 95 per cent can avoid operations. Many people say PILE-EZE has entirely cured them in a few days. Costs nothing to find out. Write PILE-EZE CO., Dept. 44, Kansas City, Mo.

Cancer Book

today and Learn the Truth about cancer.

Entirely New Book on Cancer. The most comprehensive explanation of cancer and its successful treatment without the knife ever published. The Book is FREE. Send for a copy.

J. A. JOHNSON, M. D., Suite 441, 1324 Main St., Kansas City, Mo.

PACKETS OF SEEDS FREE

Send no money—just your name and your solution to the Presidents' Name Puzzle below. The seeds are absolutely free and will be sent to every person; young or old, who sends in an answer to this puzzle. It doesn't matter whether you solve the puzzle correctly or not, you get the seeds free for simply making the effort to solve it. But if you can solve this Presidents' Name Puzzle you may win \$1,000 in cash first prize; second prize, \$500; third, \$200; fourth, \$100; fifth, \$75; sixth, \$60; seventh, \$40; eighth, \$30; ninth, \$20; and six prizes, \$10 each.

And A Chance
TO WIN \$1000.00
or 15 Other Big Cash Prizes

Send No Money

Look at the new Presidents' Name Puzzle below—there are nine names of Presidents with letters of each all mixed up. Can you rearrange the "scrambled letters" and get these nine names of Presidents all correct?

For example—one is President Harding—and in each case the two black letters shown are the first two letters of Presidents' names. To solve this puzzle write down the names of the Presidents on a sheet of paper—you receive one hundred points for each correct name.

Interesting, Profitable Pastime for the Entire Family

\$2085.00 CASH
For Solving Presidents' Name Puzzle

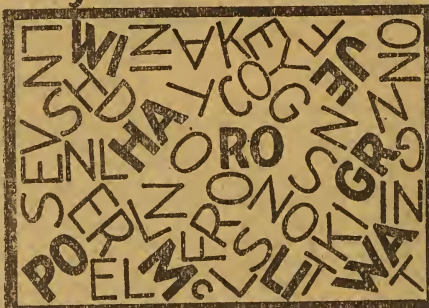
If you get all nine names correct you will get 800 points. It requires only 1,000 points to win the \$1,000 cash prize—second highest gets \$500 cash, and so on with the fifteen cash prizes. In the event of a tie for any particular prize, the full amount of that prize will be awarded to each contestant affected.

85 more points can be secured by showing our Bargain Seed List to five of your neighbors. Proof of this by a affidavit or a \$5 order is required. This Bargain Seed List we will send you on receipt of your answer to this puzzle, with a full explanation of how these 85 points can be secured easily and quickly.

This makes a total of 985 points—only 15 less than are necessary for the \$1,000 prize. These 15 points will cost you nothing. They will be awarded for the largest list of words

The two seed packets of finest Asters and earliest Tomatoes will be sent free just as soon as your answer of Presidents' Puzzle reaches us. Win that \$1,000. Contest closes April 15, 1922.

American Horticulture Co., Dept. 205, Des Moines, Iowa.



spelled with the 18 first two letters of the nine Presidents' surnames. But don't send word list now—get Free Seeds and Bargain List first.

That would make 1,000 points in all—they are all easy to get and don't cost you a cent for anything but a postage stamp to send in your answer to the puzzle.

Start right in—now. Get the whole family to help. Refer to history or library or teachers for names of presidents or maybe you remember them all. You get 100 points for each correct name or 800 if all are correct. Write your answer plainly, watch spelling, write on one side of the paper only, put your name and address plainly in upper right hand corner of first page. Do your best and you may win. Just think, \$1,000 cash first prize, \$500 cash second prize and 13 more big cash prizes. Who will get these?

100 points for each correct name or 800 if all are correct. Write your answer plainly, watch spelling, write on one side of the paper only, put your name and address plainly in upper right hand corner of first page. Do your best and you may win. Just think, \$1,000 cash first prize, \$500 cash second prize and 13 more big cash prizes. Who will get these?